

**CS-507(MIDTERM)**  
**SOLVED BY ASIF RASOOL**  
**(MBA FINANCE RAHIM YAR KHAN)**

**Question No: 1 ( Marks: 1 ) - Please choose one**

Information system must fulfill the needs of which of the following:

- ▶ Customers
- ▶ **Business**
- ▶ Employee

**Question No: 2 (Marks: 1) - Please choose one**

----- Level is formulation of new sales products, and identifying new sales opportunities.

- ▶ Operational
- ▶ Managerial
- ▶ **Strategic**

**Question No: 3 ( Marks: 1 ) - Please choose one**

Automation has not enhanced the availability of information.

- ▶ True
- ▶ **False**

**Question No: 4 ( Marks: 1 ) - Please choose one**

Accounting information system (AIS) is linked to all the information systems in an organization.

- ▶ **True**
- ▶ False

**Question No: 5 (Marks: 1 ) - Please choose one**

Cost benefit analysis is a must in choosing an alternative in a decision making model.

- ▶ **True**
- ▶ False

**Question No: 6 (Marks: 1) - Please choose one**

Decisions in which the decision maker must provide judgment, evaluation, and insights into the problem definition would be characterized as:

- ▶ Structured

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- ▶ Semi Structured
- ▶ **Unstructured**

**Question No: 7 ( Marks: 1 ) - Please choose one**

Which of the following model combines the elements of the waterfall model with the philosophy of Prototyping

- ▶ Iterative
- ▶ **Incremental**
- ▶ RAID

**Question No: 8 ( Marks: 1 ) - Please choose one**

Which of the following is a method of software/ Information System development where the model is designed, implemented and tested incrementally until the product is finished?

- ▶ **Incremental Model**
- ▶ WaterFall Model
- ▶ Iterative Model
- ▶ RAID

**Question No: 9 ( Marks: 1 ) - Please choose one**

There are five phases of the decision making process

- ▶ **True**
- ▶ False

**Question No: 10 ( Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves implementing the selected course of action?

- ▶ Intelligence
- ▶ Design
- ▶ Choice
- ▶ **Implementation**

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**Question No: 11 ( Marks: 1 ) - Please choose one**

Receivables and payables are the information needs in \_\_\_\_\_

- ▶ **Small Organization**
- ▶ Medium organization
- ▶ Large Organization

**Question No: 12 (Marks: 1) - Please choose one**

Board of Directors are elected from \_\_\_\_\_

- ▶ Customers
- ▶ **Share holders**
- ▶ Employees

**Question No: 13 ( Marks: 1 ) - Please choose one**

Devaluation of currency is called \_\_\_\_\_

- ▶ Interest rate
- ▶ **Inflation**
- ▶ Markup

**Question No: 14 ( Marks: 1 ) - Please choose one**

What-if analysis technique is used by \_\_\_\_\_

- ▶ **Model Driven DSS**
- ▶ Data Driven DSS
- ▶ Data Mining

**Question No: 15 ( Marks: 1 ) - Please choose one**

Elements that exist outside the boundary of the business (Organization) and have the potential to affect all or part of the organization called-----

- ▶ WTO
- ▶ Company Ordinance
- ▶ **Business Environment**
- ▶ Company Structure

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**Question No: 16 ( Marks: 1 ) - Please choose one**

The information from the system not used for control purpose called-----

- ▶ **Open loop system**
- ▶ Closed loop system
- ▶ Open end System

**Question No: 17 ( Marks: 1 ) - Please choose one**

The environment exerts influence on the system and the system also influences the environment.

- ▶ **Open system**
- ▶ Closed system
- ▶ Closed end System

**Question No: 18 (Marks: 1) - Please choose one**

Knowledge-Discovery in Databases and Data mining are known as thing.

- ▶ **True**
- ▶ False

**Question No: 19 ( Marks: 1 ) - Please choose one**

MIS and DSS can be seen as having a systematic approach towards problem solution.

- True**
- False

**Question No: 20 ( Marks: 1 ) - Please choose one**

----- is also known as information systems development or application development

- ▶ PDLC
- ▶ **SDLC**
- ▶ DBLC
- ▶ LCD

**Question No: 21 ( Marks: 1 ) - Please choose one**

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Which of the following are knowledge workers who facilitate the development of information systems and computer applications by bridging the communications gap that exists between non-technical system users, and System designers and developers?

- ▶ **System Analysts**
- ▶ Software Engineers
- ▶ System Designers
- ▶ Chief Executives

**Question No: 22 ( Marks: 1 ) - Please choose one**

Decision making is the cognitive process of selecting a course of action from among multiple alternatives:

- ▶ **True**
- ▶ False

**Question No: 23 ( Marks: 1 ) - Please choose one**

Which of the following is one of the “Types of Problem”?

- ▶ Structured
- ▶ Unstructured
- ▶ Semi-Structured
- ▶ **ALL of the given options**

**Question No: 24 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ are run under direct supervision of family members.

- ▶ Small Organization
- ▶ **Medium organization Page#07**
- ▶ Large Organization

**Question No: 25 ( Marks: 1 ) - Please choose one**

The comparison of the actual with the expected is done with the help of \_\_\_\_\_

- ▶ nput element

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- ▶ Processing
- ▶ **Control mechanism**

**Question No: 26 ( Marks: 1 ) - Please choose one**

The system used to record the transactions of routine and repetitive nature is called as

\_\_\_\_\_.

- ▶ Support system
- ▶ Decision support system
- ▶ **Transaction control system**

**Question No: 27 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is an integrated man-machine system for providing information to support operation and management.

- ▶ Office automation system
- ▶ **Decision support system**
- ▶ Word processing

**Question No: 28 (Marks: 1) - Please choose one**

The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

- ▶ **True**
- ▶ False

**Question No: 29 ( Marks: 1 ) - Please choose one**

Procedures are organized in a -----manner to form systems

- ▶ **Logical**
- ▶ Physical
- ▶ Hybrid

**Question No: 30 ( Marks: 1 ) - Please choose one**

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Business is a system where management decisions are influenced by or have an influence on suppliers, customers, society as a whole.

- ▶ **True**
- ▶ False

**Question No: 31 ( Marks: 1 ) - Please choose one**

-----infrastructure consists of the physical facilities services and management that support all computing resources in an organization

- ▶ **Information**
- ▶ Decision
- ▶ Management

**Question No: 32 (Marks: 1) - Please choose one**

The term information architecture describes a specialized ----- which relates to the management of information and employment of informational tools.

- ▶ **Skill Set**
- ▶ Data Set
- ▶ Tool Set

**Question No: 33 ( Marks: 1 ) - Please choose one**

An integrated man-machine system for providing information to support the operations, management and decision making functions in an organization called-----.

- ▶ **DDS**
- ▶ **MIS**
- ▶ IS

**Question No: 34 (Marks: 1) - Please choose one**

Which type of decision is one for which there may be several "right" answers and there is no precise way to get a right answer?

- ▶ Structured
- ▶ **Unstructured**

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- ▶ Semi-Structured

**Question No: 35 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ style managers allow employees to take part in decision making.

- ▶ Authoritative
- ▶ Mixed
- ▶ **Democratic**

**Question No: 36 ( Marks: 1 ) - Please choose one**

Which of the following is a project management technique that divides complex projects into smaller, more easily managed segments or phases?

- ▶ **SDLC**
- ▶ System Design
- ▶ System Analysis
- ▶ Audit Trials

**Question No: 37 ( Marks: 1 ) - Please choose one**

CRM software requires highly integrated environment for high Productivity, which is rarely available.

- ▶ **True**
- ▶ False

**Question No: 38 (Marks: 1) - Please choose one**

Which of the following helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements?

- ▶ BRP
- ▶ **MRP**
- ▶ CRP

**Question No: 39 (Marks: 1) - Please choose one**

The procedures to follow when decision is needed can be specified in advance

- ▶ **True**

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▶ False

**Question No: 40 (Marks: 1) - Please choose one**

Information products made more valuable by their attributes, characteristics, or qualities

▶ True

▶ False

**Question No: 41 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ decisions, problem is recurring and repetitive

▶ Unstructured

▶ Structured

▶ Semi structured

**Question No: 42 (Marks: 1) - Please choose one**

\_\_\_\_\_ is the raw data entered in the computer system.

▶ Input element

▶ Control Mechanism

▶ Output System

**Question No: 43 (Marks: 1) - Please choose one**

A problem solving technique that decomposes a system into its component pieces for the purpose of studying, how well those component parts work and interact to accomplish their purpose is one of the definitions of system analysis.

▶ True

▶ False

**Question No: 44 ( Marks: 1 ) - Please choose one**

Sources of information are generally categorized as -----

▶ Primary

▶ Tertiary

▶ All of above

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▶ Secondary

**Question No: 45 ( Marks: 1 ) - Please choose one**

Sources of information are generally categorized in different types depending on their originality and their proximity to the source or origin.

▶ True

▶ False

**Question No: 46 ( Marks: 1 ) - Please choose one**

Manufacturing process involves more than one sub-process.

▶ True

▶ False

**Question No: 47 ( Marks: 1 ) - Please choose one**

The organization refers to an organizational structure with few or no levels of intervening management between staff and managers is called-----

▶ Hierarchical organization

▶ Flat Organization

▶ Pyramid Organization

**Question No: 48 ( Marks: 1 ) - Please choose one**

Every system comprises of basic components which in a co-ordination formulate a system.

▶ True

▶ False

**Question No: 49 (Marks: 1) - Please choose one**

----- Simply means a particular technique of directing one's attention in learning, discovery or problem solving.

▶ Robustness

▶ Heuristic

▶ DSS

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▶ EIS

**Question No: 50 (Marks: 1) - Please choose one**

----- seek to put intelligence into the hardware in the form of generalized capability to learn.

▶ **Neural network System**

▶ Fuzzy logic

▶ DSS

▶ ESS

**Question No: 51 (Marks: 1) - Please choose one**

Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.

▶ **True**

▶ False

**Question No: 52 (Marks: 1) - Please choose one**

Management information system (MIS) is that linked to all the information systems in an organization.

▶ True

▶ **False**

**Question No: 53 (Marks: 1) - Please choose one**

Technical Reports are examples of \_\_\_\_\_ resource.

▶ Tertiary

▶ **Primary**

▶ Secondary

**Question No: 54 (Marks: 1) - Please choose one**

Organizations are distinguished on the basis of \_\_\_\_\_

▶ Attributes

▶ Policy

▶ **Management**

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**Question No: 55 (Marks: 1) - Please choose one**

In \_\_\_\_\_ there is low number of subordinates per person.

- ▶ **Pyramid Structure**
- ▶ Flat Structure
- ▶ Modern Structure

**Question No: 56 (Marks: 1) - Please choose one**

Which of the following structure contains less number of management levels?

- ▶ **Flat Structure**
- ▶ Tall Structure
- ▶ Classical structure

**Question No: 57 ( Marks: 1 ) - Please choose one**

In which of the following category information is presented in its original form, neither interpreted nor condensed nor evaluated by other writers?

- ▶ **Primary Information**
- ▶ Tertiary Information
- ▶ Secondary Information
- ▶ All of above

**Question No: 58 ( Marks: 1 ) - Please choose one**

Every decision we take in daily life requires some sort of information about the alternatives available.

- ▶ **True**
- ▶ False

**Question No: 59 ( Marks: 1 ) - Please choose one**

Cheaper factor of production is a challenge for the survival of a company in which of the following market?

- ▶ Super market
- ▶ Online Market

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▶ **Competitive market**

**Question No: 60 ( Marks: 1 ) - Please choose one**

A TPS wants every transaction to be processed in the same way regardless of the

- ▶ **User**
- ▶ **Data**
- ▶ **Information**

**Question No: 61 ( Marks: 1 ) - Please choose one**

Office automation system includes formal and informal electronic systems with the communication of information to and from persons both inside and outside the firm.

- ▶ **True**
- ▶ **False**

**Question No: 62 ( Marks: 1 ) - Please choose one**

Data warehouses are generally batch updated at the end of the day, week or some period.

- ▶ **True**
- ▶ **False**

**Question No: 63 (Marks: 1) - Please choose one**

Data mining can allow a firm to develop:

- ▶ **DSS based on the Web and Specific marketing campaigns for different customer segments**
- ▶ **Specific marketing campaigns for different customer segments**
- ▶ **DSS based on the web**

**Question No: 64 (Marks: 1) - Please choose one**

The systems development life cycle is a project management technique that divides complex projects into smaller, more easily managed segments or phases.

- ▶ **True**
- ▶ **False**

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**Question No: 65 ( Marks: 1 ) - Please choose one**

Using a decision support system involves an interactive analytical modeling process.

- ▶ TRUE
- ▶ FALSE

**Question No: 66 (Marks: 1) - Please choose one**

Evaluate recovery patterns, relevant costs involved is an example of the following:

- ▶ Implementation
- ▶ Choice
- ▶ **Monitoring**

**Question No: 67 ( Marks: 1 ) - Please choose one**

Management is concerned with the day to day costs, production targets in \_\_\_\_\_

- ▶ Service sector
- ▶ **Manufacturing Sector**
- ▶ Trading sector

**Question No: 68 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is not connected with environment.

- ▶ **Close system**
- ▶ Open system
- ▶ Closed Loop System

**Question No: 69 (Marks: 1) - Please choose one**

A structure through which individuals cooperate systematically to conduct business called organization.

- ▶ **True**
- ▶ False

**Question No: 70 ( Marks: 1 ) - Please choose one**

Closed system is dependent on the internal resources and data.

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▶ **True**

▶ **False**

**Question No: 71 (Marks: 1) - Please choose one**

System design can be explained and presented in ----- form.

▶ **Narrative**

▶ **Written**

▶ **Explanatory**

▶ **Descriptive**

**Question No: 72 (Marks: 1) - Please choose one**

Targeting advertising to customers to increase the probability that an offer is accepted

▶ **True**

▶ **False**

**Question No: 73 ( Marks: 1 ) - Please choose one**

Production subsystem needs to be linked with the marketing system to -----right amount of product.

▶ **Produce**

▶ **Sale**

▶ **Purchase**

**Question No: 74 ( Marks: 1 ) - Please choose one**

Accounts should have a control over various recording points in the entire process from procurement to finished goods store room.

▶ **True**

▶ **False**

**Question No: 75 (Marks: 1) - Please choose one**

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Structured Problems possess multiple solutions, solution paths, fewer parameters which are less manipulate able, and contain uncertainty about which concepts, rules, and principles.

- ▶ True
- ▶ **False**

**Question No: 76 ( Marks: 1 ) - Please choose one**

Information that is outdated, inaccurate, or hard to understand has much less value.

- ▶ **True**
- ▶ False

**Question No: 77 ( Marks: 1 ) - Please choose one**

Evaluate recovery patterns, relevant costs involved is an example of Choice phase

- ▶ TRUE
- ▶ **FALSE**

**Question No: 78 (Marks: 1) - Please choose one**

The spiral lifecycle model is a combination of the classic waterfall model and aspects of risk analysis.

- ▶ **True**
- ▶ False

**Question No: 79 ( Marks: 1 ) - Please choose one**

A newspaper article is a primary source if it reports events, but a secondary source if it analyses and comments on those events.

- ▶ **True**
- ▶ False

**Question No: 80 (Marks: 1) - Please choose one**

Information technology is being used to overcome the business issues like, Marketing, Brand of the product, Quality of the product, Cost control, Organizational internal and external issues.

- ▶ **True**
- ▶ False

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**Question No: 81 ( Marks: 1 ) - Please choose one**

They represent Equations / Formulae representing relationship between two or more factors related to each other in a defined manner is called-----

- ▶ Graphical Model
- ▶ **Mathematical Model**
- ▶ Algebra Model

**Question No: 82 (Marks: 1) - Please choose one**

The departmental structures are ----- in banking and financial sector.

- ▶ **Different**
- ▶ Same
- ▶ Mixed

**Question No: 83 ( Marks: 1 ) - Please choose one**

----- helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements

- ▶ BRP
- ▶ **MRP**
- ▶ CRP

**Question No: 84 ( Marks: 1 ) - Please choose one**

Water Fall model places emphasis on documentation (such as requirements documents and design documents) as well as source code.

- ▶ **True**
- ▶ False

**Question No: 85 ( Marks: 1 ) - Please choose one**

BRP helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements

- ▶ **True**

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▶ **False**

**Question No: 86 (Marks: 1) - Please choose one**

Decision procedures can be pre-specified, but not enough to lead to the correct decision are called-----  
-----

- ▶ Structured Decisions
- ▶ Unstructured Decisions
- ▶ **Semi Structured Decisions**

**Question No: 87 ( Marks: 1 ) - Please choose one**

Devise a discount or training policy is an example of choice phase.

- ▶ TRUE
- ▶ **FALSE**

**Question No: 88 (Marks: 1) - Please choose one**

Source of information is generally categorize in primary, secondary and \_\_\_\_\_

- ▶ Proximity
- ▶ Initially
- ▶ **Tertiary**

**Question No: 89 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ Information is just like feedback of organization image in public.

- ▶ Informal
- ▶ **External**
- ▶ Formal

**Question No: 90 ( Marks: 1 ) - Please choose one**

RAID model combines the elements of the waterfall model with the philosophy of prototyping.

- ▶ True
- ▶ **False**

**Question No: 91 (Marks: 1) - Please choose one**

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DSS can stimulate innovation in decision making by helping managers to existing decision making procedures.

- ▶ **True**
- ▶ False

**Question No: 92 (Marks: 1) - Please choose one**

----- needs data preparation which may involve filtering data and data transformations, selecting subsets of records

- ▶ Model Building
- ▶ Deployment
- ▶ **Exploration**

**Question No: 93 (Marks: 1) - Please choose one**

Which of the following is an approach for developing systems based on producing deliverables frequently/repetitively, each iteration, consisting of requirements, analysis & design, implementation and testing, results in the release of an executable subset of the final product?

- ▶ Incremental Model
- ▶ **Iterative Model**
- ▶ RAID
- ▶ Spiral

**Question No: 94 ( Marks: 1 ) - Please choose one**

Which of the following models are an approach for developing systems based on producing deliverables frequently/repetitively?

- ▶ **Iterative**
- ▶ Incremental
- ▶ RAID
- ▶ SDLC

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**Question No: 95 (Marks: 1) - Please choose one**

The departmental structures are different in banking and financial sector

- ▶ True
- ▶ False

**Question No: 96 (Marks: 1) - Please choose one**

Every transaction that an organization undertakes has a financial impact, to be recorded and reported by the accounts & finance department.

- ▶ True
- ▶ False

**Question No: 97 ( Marks: 1 ) - Please choose one**

Devise a discount or training policy is an example of design phase

- ▶ TRUE
- ▶ FALSE

**Question No: 98 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ Sources are used, which simplify the process of finding the proximity Literature.

- ▶ Secondary
- ▶ Primary
- ▶ Tertiary

**Question No: 99 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is a group of people organized to accomplish an overall goal

- ▶ System
- ▶ Procedure
- ▶ Organization

**Question No: 100 ( Marks: 1 ) - Please choose one**

Information quality checklist is the criteria to evaluate \_\_\_\_\_ of information.

- ▶ Size

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- ▶ **Quality**
- ▶ **Need**

**Question No: 101 (Marks: 1) - Please choose one**

Which of the following has collection of predefined procedures related to each other?

- ▶ **Organization**
- ▶ **System**
- ▶ **Firm**

**Question No: 102 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is connected to its environment by means of recourse of flows.

- ▶ **Open loop system**
- ▶ **Close system**
- ▶ **Open system**

**Question No: 103 ( Marks: 1 ) - Please choose one**

Following statement is true for which of the following model?

Provides early indication of insurmountable risks, without much cost

- ▶ **INCREMENTAL MODEL**
- ▶ **Iterative Models**
- ▶ **SPIRAL MODEL**

**Question No: 104 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ sources materials in which the information from secondary sources has been digested.

- ▶ **Primary**
- ▶ **Tertiary**
- ▶ **Secondary**

**Question No: 105 ( Marks: 1 ) - Please choose one**

Debtor's aging report Debtor's aging report is an example of the following phase?

- ▶ **Choice**

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▶ Design

▶ **Intelligence**

**Question No: 106 ( Marks: 1 ) - Please choose one**

There are TWO phases of the decision making process

▶ TRUE

▶ **FALSE**

**Question No: 107 ( Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves searching for conditions in the environment that calls for decisions?

▶ **Intelligence**

▶ Design

▶ Choice

▶ Implementation

**Question No: 108 ( Marks: 1 ) - Please choose one**

Which of the following model combines the elements of the waterfall model with the philosophy of prototyping?

▶ Prototyping

▶ Iterative

▶ **Incremental**

▶ RAID

**Question No: 109 ( Marks: 1 ) - Please choose one**

The study of business problem domain used to recommend improvements and specify the business Requirements for the solution is called:

▶ **System Analysis**

▶ System Design

▶ Risk Management

▶ Risk Analysis

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**Question No: 110 (Marks: 1) - Please choose one**

Targeting advertising to customers to ----- the probability that an offer is accepted

- ▶ Decrease
- ▶ **Increase**
- ▶ Stable

**Question No: 111 (Marks: 1) - Please choose one**

----- Generally, is the set of interconnected structural elements that provide the framework for supporting the entire structure?

- ▶ **Infrastructure**
- ▶ Decision Support System
- ▶ Management System

**Question No: 112 (Marks: 1) - Please choose one**

High level of foreign trade has resulted in imports and exports which require inter linkage for smooth coordination.

- ▶ **True**
- ▶ False

**Question No: 113 (Marks: 1) - Please choose one**

Which of the following sources are original materials on which other research is based?

- ▶ **Primary**
- ▶ Secondary
- ▶ Tertiary
- ▶ None of these

**Question No: 114 ( Marks: 1 ) - Please choose one**

Due to fluctuating changes in fashion trends, pre-seasonal planning becomes-----

- ▶ **Critical**
- ▶ Simple

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► Moderate

**Question No: 115 (Marks: 1) - Please choose one**

Information systems based on Rational Man Model need to be based on availability of perfect and complete information on all alternatives so as to ensure certainty

► **True**

► False

**Question No: 116 (Marks: 1) - Please choose one**

In which of the following Models it is Difficult to convince some customers that the evolutionary approach is controllable

► **Spiral**

► Water Fall

► Incremental

► Iterative

**Question No: 117 ( Marks: 1 ) - Please choose one**

Computer-aided manufacturing (CAM), is a form of automation where computers communicate work instructions directly to the manufacturing machinery.

► **True**

► False

**Question No: 118 ( Marks: 1 ) - Please choose one**

Which of the following is a form of automation where computers communicate work instructions directly to the manufacturing machinery?

► CAD

► **CAM**

► CIM

**Question No: 119 ( Marks: 1 ) - Please choose one**

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Directories are example of \_\_\_\_\_ resource.

- ▶ Primary
- ▶ Secondary
- ▶ **Tertiary**

**Question No: 120 ( Marks: 1 ) - Please choose one**

Feed back is the integral part of the \_\_\_\_\_

- ▶ Open system
- ▶ Close System
- ▶ **Closed Loop System**

**Question No: 121 (Marks: 1) - Please choose one**

Spoken and written form of an entity is used in \_\_\_\_\_ model.

- ▶ Physical
- ▶ **Narrative**
- ▶ Graphical

**Question No: 122 ( Marks: 1 ) - Please choose one**

----- combines many human resource functions like benefits administration, payroll, recruiting and training etc.

- ▶ **Human Resource Information System**
- ▶ Account Information System
- ▶ Financial Information System

**Question No: 123 ( Marks: 1 ) - Please choose one**

In which of the following decisions the problems are non routine, critical and novel in nature, require individual judgment, evaluation and insight varying on case-to case basis.

- ▶ Semi-Structured decisions
- ▶ **Unstructured decisions**
- ▶ Structured decisions

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**Question No: 124 (Marks: 1) - Please choose one**

The organizational structures are formulated in order to efficiently manage which of the following:

- ▶ Business Cost
- ▶ **Business Operations**
- ▶ Business Size

**Question No: 125 (Marks: 1) - Please choose one**

The comparison of actual system with expected system is done with the help of control mechanism.

- ▶ False
- ▶ **True**

**Question No: 126 (Marks: 1) - Please choose one**

The First increment in incremental model is usually the core product which addresses the basic requirements of the system.

- ▶ **True**
- ▶ False

**Question No: 127 ( Marks: 1 ) - Please choose one**

Which of the following design involves breaking up the logical design into units?

- ▶ **Physical**
- ▶ Logical
- ▶ None of above options
- ▶ Commercial

**Question No: 128 (Marks: 1) - Please choose one**

Which of the following phase of decision making process involves selecting a course of action from those available?

- ▶ Design
- ▶ **Choice**
- ▶ Implementation

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▶ Intelligence

**Question No: 129 ( Marks: 1 ) - Please choose one**

MIS is the primary source for the managers to be aware of red-alerts.

- ▶ **TRUE**
- ▶ FALSE

**Question No: 130 (Marks: 1) - Please choose one**

Organization is a group of elements that are integrated with the common purpose of achieving an object.

- ▶ True
- ▶ **False**

**Question No: 131 (Marks: 1) - Please choose one**

Cost benefit analysis is must in choosing an alternative in a decision making model.

- ▶ False
- ▶ **True**

**Question No: 132 (Marks: 1) - Please choose one**

A system that is not connected with its environment is called -----

- ▶ **Closed system**
- ▶ Open system
- ▶ Open loop system

**Question No: 133 ( Marks: 1 ) - Please choose one**

An information system that automatically generates report on regular basis and is not used to monitor input or activities is called

- ▶ **Open loop system**
- ▶ Closed loop system
- ▶ Closed end System

**Question No: 134 ( Marks: 1 ) - Please choose one**

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-----Well-structured problems are constrained problems with convergent solutions that engage the application of a limited number of rules and principles within well-defined parameters.

- ▶ Unstructured
- ▶ Semi-Structured
- ▶ **Structured**

**Question No: 135 ( Marks: 1 ) - Please choose one**

Systems analysts work as a link between Business people, & Computer Programmers.

- ▶ **True**
- ▶ False.

**Question No: 136 ( Marks: 1 ) - Please choose one**

Waterfall model places emphasis on documentation (such as requirements Documents and design documents) as well as source code.

- ▶ **True**
- ▶ False

**Question No: 137 ( Marks: 1 ) - Please choose one**

The purpose of feasibility Study is to obtain a commitment to change and to evaluate whether cost effective solutions are available to address the problem or opportunity that has been identified.

- ▶ **True**
- ▶ False

**Question No: 138 (Marks: 1) - Please choose one**

Call centers use automatic call distributors (ACD's) to route calls to the appropriate agent.

- ▶ **True**
- ▶ False

**Question No: 139 ( Marks: 1 ) - Please choose one**

Which of the following information systems cater for the needs of Accounts & Finance Department.

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▶ **Accounting and Managerial**

▶ MIS

▶ EIS

▶ AIS

**Question No: 140 ( Marks: 1 ) - Please choose one**

Instead of Information, data is more important in day to day decision making.

▶ True

▶ **False**

**Question No: 141 ( Marks: 1 ) - Please choose one**

Medium size organizations usually have simple management structure than those of small organizations.

▶ **False**

▶ True

**Question No: 142 ( Marks: 1 ) - Please choose one**

Organizational culture is the specific collection of values and norms that are shared by people and groups in an organization and that control the way they interact with each other and with stakeholders outside the

▶ Sector

▶ Country

▶ **Organization**

**Question No: 143 (Marks: 1) - Please choose one**

The turnaround time from the input of the transaction to the production for the output must be a few -----

-----

▶ Minutes or less

▶ Hours or less

▶ **Seconds or less**

**Question No: 144 ( Marks: 1 ) - Please choose one**

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Which of the following views organization as a combination of process oriented groups whose information needs are related but Independent?

- ▶ **OIS**
- ▶ MIS
- ▶ EIS
- ▶ CBIS

**Question No: 145 ( Marks: 1 ) - Please choose one**

Incremental model combines the elements of the RAID model with the philosophy of prototyping.

- ▶ True
- ▶ **False**

**Question No: 146 ( Marks: 1 ) - Please choose one**

Which of the following models is an approach for developing systems based on producing deliverables frequently/repetitively?

- ▶ **Iterative**
- ▶ Incremental
- ▶ RAID
- ▶ SDLC

**Question No: 147 (Marks: 1) - Please choose one**

The spiral lifecycle model is a combination of the classic RAID model and aspects of risk analysis.

- ▶ True
- ▶ **False**

**Question No: 148 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ Models are three dimensional representation of an entity (Object/Process).

- ▶ **Physical**
- ▶ Narrative
- ▶ Graphical

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**Question No: 149 (Marks: 1) - Please choose one**

There are five phases of decision making process.

- ▶ **True**
- ▶ False

**Question No: 150 (Marks: 1) - Please choose one**

System analysts work as a link between business people and computer programmers.

- ▶ **True**
- ▶ False

**Question No: 151 (Marks: 1) - Please choose one**

Decision support systems are designed to be ad hoc and quick-response systems which are initiated and controlled by decision makers.

- ▶ **TRUE**
- ▶ FALSE

**Question No: 152 (Marks: 1) - Please choose one**

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework for supporting the entire

- ▶ Management System
- ▶ **Infrastructure**
- ▶ Decision Support System

**Question No: 153 (Marks: 1) - Please choose one**

There are five phases of the decision making process, first one is intelligence.

- ▶ **True**
- ▶ False

**Question No: 154 ( Marks: 1 ) - Please choose one**

Information should be tailored in accordance with the organization's culture and structure.

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- ▶ **True**
- ▶ **False**

**Question No: 155 (Marks: 1) - Please choose one**

A system is a group of -----that are integrated with the common purpose of achieving an objective.

- ▶ **Information**
- ▶ **Data Sets**
- ▶ **Elements**

**Question No: 156 (Marks: 1) - Please choose one**

With a -----decision environment, there is the possibility of having very quick and very accurate feedback on the decision process.

- ▶ **Closed-loop**
- ▶ **Open-loop**
- ▶ **Closed System**

**Question No: 157 (Marks: 1) - Please choose one**

Information by itself is proving to be the most critical resource for organizations.

- ▶ **True**
- ▶ **False**

**Question No: 158 (Marks: 1) - Please choose one**

Plans provide a direction but not framework for action.

- ▶ **True**
- ▶ **False**

**Question No: 159 (Marks: 1) - Please choose one**

Companies are investing in data-driven decision support application frameworks to help them respond to •  
Changing market conditions & • Customer needs

- ▶ **TRUE**

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▶ FALSE

**Question No: 160 (Marks: 1) - Please choose one**

Closed System depends on \_\_\_\_\_ and data.

- ▶ **internal resources**
- ▶ External resources
- ▶ Procedures

**Question No: 161 (Marks: 1) - Please choose one**

System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.

- ▶ **True**
- ▶ False

**Question No: 162 (Marks: 1) - Please choose one**

Information requirements keep varying in accordance with Size of organization, its structure. Is it true?

- ▶ No
- ▶ **Yes**

**Question No: 163 ( Marks: 1 ) - Please choose one**

Which of the following are the examples of Primary sources?

- ▶ Commentaries, review articles and literature reviews
- ▶ Directories, Guidebooks, manuals, Chronologies
- ▶ **Interviews, surveys and fieldwork**
- ▶ None of the

**Question No: 164 (Marks: 1) - Please choose one**

Which of the following is an international, multilateral organization, which was created as a result of the Uruguay round of discussion in 1994 to harmonic world trade?

- ▶ SAFTA
- ▶ SAARC

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▶ **WTO**

**Question No: 165 (Marks: 1) - Please choose one**

CBIS helps in updating every change being triggered in less time and with more effort.

- ▶ True
- ▶ **False**

**Question No: 166 (Marks: 1) - Please choose one**

Data Warehouse combines databases across an entire enterprise

- ▶ **True**
- ▶ False

**Question No: 167 (Marks: 1) - Please choose one**

Production subsystem needs to be linked with the marketing system to -----right amount of product.

- ▶ **Produce**
- ▶ Sale
- ▶ Purchase

**Question No: 168 ( Marks: 1 ) - Please choose one**

Partial systems are successively built to produce a final total system in the following model:

- ▶ **Incremental Model**
- ▶ WaterFall
- ▶ RAID
- ▶ Iterative Model

**Question No: 169 ( Marks: 1 ) - Please choose one**

Computer-aided manufacturing (CAM, is a form of automation where computers communicate work instructions directly to the manufacturing machinery.

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- ▶ True
- ▶ False

**Question No: 170 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework.

- ▶ **Infrastructure**
- ▶ System
- ▶ Organization

**Question No: 171 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is known as father of warehouse.

- ▶ Stephen hawking
- ▶ Bill gates
- ▶ **Bill Inmon**

**Question No: 172 (Marks: 1) - Please choose one**

Debtor's aging report is an example of the following phase?

- ▶ **Intelligence**
- ▶ Choice
- ▶ Design

**Question No: 173 ( Marks: 1 ) - Please choose one**

Devising a discount or training policy is an example of design phase.

- ▶ **TRUE**
- ▶ FALSE

**Question No: 174 ( Marks: 1 ) - Please choose one**

Evaluate recovery patterns, relevant costs involved is an example of monitoring

- ▶ **TRUE**
- ▶ FALSE

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**Question No: 175 (Marks: 1) - Please choose one**

A hierarchical organization is structured in a way such that every entity in the organization, except one, is subordinate to a single other entity.

- ▶ **True**
- ▶ False

**Question No: 176 (Marks: 1) - Please choose one**

Systems have collection of predefined -----related to each other in a sequenced logical manner in order to collectively achieve the desired results.

- ▶ **Procedures**
- ▶ Sequences
- ▶ Policies

**Question No: 177 (Marks: 1) - Please choose one**

The results given by the system after the process has been performed on the data being input to the system called as-----.

- ▶ **Output**
- ▶ Input
- ▶ Processing

**Question No: 178 (Marks: 1) - Please choose one**

Which of the following level is formulation of new sales products, and identifying new sales opportunities?

- ▶ Operational
- ▶ Managerial
- ▶ **Strategic**

**Question No: 179 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ final product is intangible

- ▶ **Service sector**

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- ▶ Manufacturing Sector
- ▶ Trading sector

**Question No: 180 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is a set of defined set of instructions aimed to achieve goals

- ▶ **Procedure**
- ▶ System
- ▶ Organization

**Question No: 181 ( Marks: 1 ) - Please choose one**

Which of the following model is a series of short waterfall cycles, each producing an early prototype representing a part of the entire project?

- ▶ **Spiral**
- ▶ Iterative
- ▶ WaterFall
- ▶ Incremental

**Question No: 182 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ sources materials in which the information from secondary sources has been digested.

- ▶ Primary
- ▶ **Tertiary**
- ▶ Secondary

**Question No: 183 ( Marks: 1 ) - Please choose one**

Decision making is the cognitive process of selecting a course of action from among

----- Alternatives

- ▶ **Multiple**
- ▶ Double
- ▶ Triple

**Question No: 184 (Marks: 1) - Please choose one**

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Commentaries are the example of \_\_\_\_\_ sources.

- ▶ Primary
- ▶ Tertiary
- ▶ **Secondary**

**Question No: 185 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is a group of elements that are integrated with common purpose of objective.

- ▶ Procedure
- ▶ **System**
- ▶ Firm

**Question No: 186 ( Marks: 1 ) - Please choose one**

Word Processing is an example of the following system:

- ▶ **Office automation system**
- ▶ Decision support system
- ▶ Word processing

**Question No: 187 (Marks: 1) - Please choose one**

The Iterative model emphasizes the need to go back and reiterate earlier steps number of times as the project progresses.

- ▶ True
- ▶ **False**

**Question No: 188 (Marks: 1) - Please choose one**

Small organizations usually have complex management structure.

- ▶ True
- ▶ **False**

**Question No: 189 (Marks: 1) - Please choose one**

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The Islamic ethical system differs from secular ethical systems and from the moral code advocated by other-----

- ▶ **Religions**
- ▶ Countries
- ▶ Organizations

**Question No: 190 (Marks: 1) - Please choose one**

The components of open loop system do not include control and feedback mechanism.

- ▶ **True**
- ▶ False

**Question No: 191 (Marks: 1) - Please choose one**

Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.

- ▶ **True**
- ▶ False

**Question No: 192 (Marks: 1) - Please choose one**

Which of the following increment in incremental model is usually the core product which addresses the basic requirements of the system?

- ▶ **First**
- ▶ Second
- ▶ Third

**Question No: 193 (Marks: 1) - Please choose one**

----- is a gray area lies between structured and unstructured range where part of the decision can be specified allowing for certain factors out of control.

- ▶ Unstructured
- ▶ **Semi-Structured**
- ▶ Structured

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**Question No: 194 ( Marks: 1 ) - Please choose one**

In data mining, events that are linked over time are referred to as:

- ▶ Sequences
- ▶ Associations and Sequences
- ▶ Associations

**Question No: 195 ( Marks: 1 ) - Please choose one**

----- Phase is required to establish the scope of the plan and the methodology and techniques to be applied.

- ▶ Assessment
- ▶ Strategic
- ▶ **Orientation**

**Question No: 196 ( Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves inventing, developing, and analyzing possible courses of action?

- ▶ Intelligence
- ▶ **Design**
- ▶ Choice
- ▶ Implementation

**Question No: 197 ( Marks: 1 ) - Please choose one**

Which of the following select chief executive?

- ▶ Employees
- ▶ Customers
- ▶ **Board of Directors**

**Question No: 198 ( Marks: 1 ) - Please choose one**

Software is constructed step by step in the same way a building is constructed is Known as-----

- ▶ Iterative Models
- ▶ **Incremental Models**

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- ▶ Water fall model
- ▶ Rapid Model

**Question No: 199 ( Marks: 1 ) - Please choose one**

Distributing common information to every one may result ----- and -----.

- ▶ **Waste of time, confusion**
- ▶ Increase productivity, awareness
- ▶ Cut time, cost
- ▶ None of them

**Question No: 200 (Marks: 1) - Please choose one**

A problem solving technique that decomposes a system into its component pieces for the purpose of studying, how well those component parts work and interact to accomplish their purpose is called:

- ▶ **System Analysis**
- ▶ System Requirements
- ▶ Risk Management
- ▶ Risk Analysis

**Question No: 201 ( Marks: 1 ) - Please choose one**

How many phases are there in Decision making Process?

- ▶ 2
- ▶ 3
- ▶ 4
- ▶ 5

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**SUBJECTIVE QUESTION**

**Incremental Model** (page 69)

**Question No: 18 ( Marks: 2 )**

**What are the conglomerate organizations?**

Conglomerate organizations are corporations that have multiple revenue streams from business activities that are completely unrelated.

**Waterfall model** (page 69)

**Computer Integrated Manufacturing** (page 54)

**Define different models of SDLC?** (page 71)

**Spiral Model.** (page 88)

**Physical design** (page 81)

**Office automation system** (page 33)

**What do you understand by Rational-Man Model? (5 marks)** (page 64)

**Objective of MRP ( 3 marks )** (page 52)

**Explain System Design & Identify its steps ( 5 marks )** (page 93)

**Define MIS ( 2 marks )** (page 32)

**Define Technical feasibility ( 2 marks )** (page 73)

**What are DSS models ( 3 marks )** (page 33)

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**Benefits of MRP II ( 5 marks )** (page 52)

**What are the basic components of DSS?** (page 35)

**What is Data Driven Decision Support System?** (page 35)

**How the information is kept in the purchase system?** (page 23)

**List information Requirements for Medium sizes organizations.** (page 8)

**Differentiate CRM from ERP**

CRM and ERP may focus on different things, but there's power in getting them to work together. CRM and ERP have a collaborative relationship. Imagine that CRM is the point of a large V that faces outward to your customer base, where it is used to track and predict sales. ERP is an internal system that coordinates information between various departments and ensures the lifeblood flows through your enterprise to help profitability.

**What do you understand by OLAP?** (page 37)

**Objective of Having Systems** (page 21)

**Data Warehouse** (page 35)

**Types of Mathematical Models** (page 38)

**Expert System** (page 40)



**Heuristics** (page 40)

**ESS vs. DSS** (page 41,42)

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**Computerized vs. Manual environment (page 92)**

# Spring 2010 MidTerm CS507 s2 solved By vuZs Team(R)

MIDTERM EXAMINATION  
Spring 2010  
CS507- Information Systems (Session - 5)  
**Solved By vuZs Team**  
 [vuzshelp@gmail.com](mailto:vuzshelp@gmail.com) 

Time: 60 min  
Marks: 40

Question No: 1 ( Marks: 1 ) - Please choose one  
Which of the following is an international, multilateral organization, which was created as a result of the Uruguay round of discussion in 1994 to harmonic world trade.

- ▶ SAFTA
- ▶ SAARC
- ▶ WTO

Ref: Various agreements between member countries has resulted in lowering import tariffs, bringing down protective trade barriers setting up anti dumping procedures and settlement methods. However it has failed to achieve any headway in getting member countries to eliminate subsidies provided t other agriculture sector by nearly all member states. As a result the WTO is currently faced with the threat of failure. The WTO trade and services arrangements effectively replaced the general Agreement on Trade Tariffs (GATT).

Question No: 2 ( Marks: 1 ) - Please choose one  
CBIS helps in updating every change being triggered in less time and with more effort.

- ▶ True
- ▶ False

Ref: Every transaction affects our records in a number of ways. CBIS helps in updating every change being triggered in less time and with less effort. (page no.36).

Question No: 3 ( Marks: 1 ) - Please choose one  
----- simply means a particular technique of directing one's attention in learning, discovery or problem solving.

- ▶ Robustness
- ▶ Heuristic
- ▶ DSS
- ▶ EIS

Ref: Heuristic simply means a particular technique of directing one's attention in learning, discovery or problem solving. It assists in non-routine decision making process due to powerful analytical abilities.

Question No: 4 ( Marks: 1 ) - Please choose one  
Data Warehouse combines databases across an entire enterprise

- ▶ True
- ▶ False

**Ref: The term data warehouse generally refers to the combination of many different databases across an entire enterprise.**

**Question No: 5 ( Marks: 1 ) - Please choose one**

**Knowledge-Discovery in Databases and Data mining are known as thing.**

▶ **True**

▶ False

**Ref: Data mining is also known as Knowledge-Discovery in Databases (KDD).**

**Question No: 6 ( Marks: 1 ) - Please choose one**

**Production subsystem needs to be linked with the marketing system to - -----right amount of product.**

▶ **Produce**

▶ Sale

▶ Purchase

**Ref: Marketing**

**Production subsystem needs to be linked with the marketing system so as to produce right amount of product. (Page no.65)**

**Question No: 7 ( Marks: 1 ) - Please choose one**

**Decisions in which the decision maker must provide judgment, evaluation, and insights into the problem definition would be characterized as:**

▶ Structured

▶ Semi Structured

▶ **Unstructured**

**Ref: Unstructured: Problems possess multiple solutions, solution paths, fewer parameters which are less manipulate able, and contain uncertainty about which concepts, rules, and principles are necessary for the solution or how they are organized and which solution is best.**

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**Question No: 8 ( Marks: 1 ) - Please choose one**

**Which of the following are knowledge workers who facilitate the development of information systems and computer applications by bridging the communications gap that exists between non-technical system users, and System designers and developers?**

▶ **System Analysts**

▶ Software Engineers

▶ System Designers

▶ Chief Executives

**Ref: Systems analysts work as a link between Business people, & Computer Programmers. Business People may define the business to be computerized, i.e. establish scope of computerization. However, they may not fully understand the capabilities and limitations of modern information technology.**

**Question No: 9 ( Marks: 1 ) - Please choose one**

**Partial systems are successively built to produce a final total system in the following model:**

▶ **Incremental Model**

▶ WaterFall

▶ RAID

► Iterative Model

Ref: designed, implemented and tested incrementally until the product is finished.(Page no.94)

Question No: 10 ( Marks: 1 ) - Please choose one  
Computer-aided manufacturing (CAM), is a form of automation where computers communicate work instructions directly to the manufacturing machinery.

► True

► False

Ref: It is a system that uses computer aided techniques to control production facility.(Page no.63)

Question No: 11 ( Marks: 1 ) - Please choose one  
Information quality checklist is the criteria to evaluate \_\_\_\_\_ of information.

► Size

► Quality

► Need

Ref: The information can also be ranked in accordance with the qualities it has in it. The experts have devised certain criteria to evaluate the quality of information.

Question No: 12 ( Marks: 1 ) - Please choose one

In \_\_\_\_\_ style managers allow employees to take part in decision making.

► Authoritative

► Mixed

► Democratic

Ref: In a Democratic style, the manager allows the employees to take part in decision-making: therefore everything is agreed by the majority. The communication is extensive in both directions (from subordinates to leaders and vice-versa). This style can be particularly useful when complex decisions need to be made

that require a range of specialist skills: [www.vuzs.net](http://www.vuzs.net)

Question No: 13 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework.

► Infrastructure

► System

► Organization

Ref: Infrastructure, generally, is the set of interconnected structural elements that provide the framework for supporting the entire structure. It usually applies only to structures that are artificial. The term is used differently in a variety of fields; perhaps the single most well-known usage is in economics, where it refers to physical infrastructure such as buildings and roads.

Question No: 14 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is known as father of warehouse.

Stephen Hawking ►

Bill Gates ►

► Bill Inmon

**Ref: Decision Support Systems was defined by Bill Inmon, father of data warehouse.**

**Question No: 15 ( Marks: 1 ) - Please choose one**  
**Debtor's aging report is an example of the following phase?**

**▶ Intelligence**

eciohC ▶

Design ▶

**Ref: Debtors Aging analysis is the stratification of trade receivables in accordance of period of time since they have been due.**

**Question No: 16 ( Marks: 1 ) - Please choose one**  
**Devising a discount or training policy is an example of design phase.**

**▶ TRUE**

FALSE ▶

**Ref : Page no.72 [www.vuzs.net](http://www.vuzs.net)**

**Question No: 17 ( Marks: 1 ) - Please choose one**  
**\_\_\_\_\_ is the set of interconnected structural**

**elements that provide the framework for supporting the entire**

**structure**

**▶ Management System**

**▶ Infrastructure**

**▶ Decision Support System**

**Question No: 18 ( Marks: 1 ) - Please choose one**

**A newspaper article is a primary source if it reports events, but a secondary source if it analyses and comments on those events.**

**▶ True**

▶ False

**Ref: A newspaper article is a primary source if it reports events, but a secondary source if it analyses and comments on those events. (Page no.12)**

**Question No: 19 ( Marks: 1 ) - Please choose one**  
**\_\_\_\_\_ sources are used, which simplify the process of finding the proximity Literature.**

**▶ Secondary**

▶ Primary

▶ Tertiary

**Answer Required:**

**Question No: 20 ( Marks: 1 ) - Please choose one**  
**Evaluate recovery patterns, relevant costs involved is an example of monitoring**

**TRUE ▶**

FALSE ▶

**Ref: Monitoring helps in evaluating the quality of decisions that have been made. This may include the following:**

**o Quantifying the speed in the process of recovery.**

**o Discount costs being born by the organization.**

**o Customer response in accepting the entire policy.**

**o Once again MIS will be used to record and report the results / effects of the policy.**

**Question No: 21 ( Marks: 2 )**

**What are the information requirements for operational level in Accounting & financial Information Systems.**

**Answer: [www.vuzs.net](http://www.vuzs.net)**

**Following are the operational level requirements in Accounting & Financial Information Systems.**

**Operational Level Requirements in Accounting & financial Information Systems**

- 1. Cash flow statements through various transactions**
- 2. Inventory and debtors management**
- 3. Creditors Management**

**Question No: 22 ( Marks: 2 )**

**Identify the purpose of Feasibility study.**

**Answer:**

**Purpose of Feasibility Study**

**The purpose of feasibility study is to obtain a commitment to change and to evaluate whether cost effective solutions are available to address the problem or opportunity that has been identified.**

**Question No: 23 ( Marks: 3 )**

**List any three benefits of CRM.**

**Answer:**

**Following are the three benefits of CRM.**

**Benefits of Customer Relationship Management (CRM)**

- 1. To achieve CRM, a company wide set of tools, technologies, and procedures promote the relationship with the customer to increase sales.**
- 2. Its objectives are to increase profitability, revenue, and customer satisfaction.**
- 3. Encourages customer loyalty**

**Question No: 24 ( Marks: 3 )**

**Briefly describe Incremental Model.**

**Answer:**

**Incremental Model**

**The incremental model is a method of software or Information System development where the model is designed, implemented and tested incrementally until the product is finished. It involves both development and maintenance. This model combines the elements of the waterfall model with the philosophy of prototyping.**

**Question No: 25 ( Marks: 5 )**

**Discuss incremental Model with an example?**

**Answer:**

**Incremental Model**

**The incremental model is a method of software or Information System development where the model is designed, implemented and tested incrementally until the product is finished. It involves both development and maintenance. This model combines the elements of the waterfall model with the philosophy of prototyping.**

**Example of an Incremental Model**

**An example of this incremental approach is observed in the development of word processing applications where the following services are provided on subsequent modules:**

- **Advanced editing and document production functions**
- **Basic file management, editing and document production functions**
- **Spell and grammar checking**
- **Advance page layout**

**Question No: 26 ( Marks: 5 )**

**Differentiate MIS from DSS .**

**Answer:**

**Differentiate Between MIS & DSS**

**See page number 44.**

**[www.vuzs.net](http://www.vuzs.net)**

# Spring 2010 MidTerm CS507 s2 shared By ISHI Khan(R) SOLVED by Parishy

## MIDTERM EXAMINATION

Spring 2010

CS507- Information Systems

**Ref and Solved by Parishy**

Rechecked By vuZs Team

 [vuZshelp@gmail.com](mailto:vuZshelp@gmail.com) 

Time: 60 min

Marks: 40

Question No: 1 ( Marks: 1 ) - Please choose one

**A hierarchical organization is structured in a way such that every entity in the organization, except one, is subordinate to a single other entity.**

▶ **True**

▶ False

Ref: This is the dominant mode of organization among large organizations; most corporations and governments are hierarchical organizations.

Question No: 2 ( Marks: 1 ) - Please choose one

**Systems have collection of predefined -----related to each other in a sequenced logical manner in order to collectively achieve the desired results.**

▶ **Procedures**

▶ Sequences

► Policies

**Systems have collection of predefined procedures related to each other in a sequenced logical manner in order to collectively achieve the desired results. The system & procedures in all kinds of environment are subject to internal controls and checks that are necessary to ensure the effectiveness of the same PAge 18.**

**Question No: 3 ( Marks: 1 ) - Please choose one**

**The results given by the system after the process has been performed on the data being input to the system called as-----.**

► **Output**

► Input

► Processing

page 23

• Output elements

The results given by the system after the process has been performed on the data being input to the system.

**Question No: 4 ( Marks: 1 ) - Please choose one**

**Which type of decision is one for which there may be several "right" answers and there is no precise way to get a right answer?**

► Structured

► **Unstructured**

► Semi-Structured

**Ref : Unstructured:** Problems possess multiple solutions, solution paths, fewer parameters which are less manipulate able, and contain uncertainty about which concepts, rules, and principles are necessary for the solution or how they are organized and which solution is best.

**Question No: 5 ( Marks: 1 ) - Please choose one**

**Which of the following level is formulation of new sales products, and identifying new sales opportunities?**

▶ Operational

▶ Managerial

▶ **Strategic**

**Ref: Strategic Level**

**1. Formulation of new sales products, and identifying new sales opportunities.**

**2. Planning support for new products and services**

**3. Monitoring competitors (Page No.53)**

**Question No: 6 ( Marks: 1 ) - Please choose one**

**Every transaction that an organization undertakes has a financial impact, to be recorded and reported by the accounts & finance department.**

▶ **True**

▶ False

**page 56**

**Every transaction that an organization undertakes has a financial impact, to be recorded and reported by the accounts & finance department.**

**Question No: 7 ( Marks: 1 ) - Please choose one**

**The procedures to follow when decision is needed can be specified in advance**

▶ **True**

▶ False

**Page 44**

DSS can stimulate innovation in decision making by helping managers to existing decision making procedures.

**Question No: 8 ( Marks: 1 ) - Please choose one**

**Companies are investing in data-driven decision support application frameworks to help them respond to**

- **Changing market conditions**
- **Customer needs**

▶ **TRUE**

▶ FALSE

**Ref :** As opposed to model driven DSS, these systems use large pools of data found in major organizational systems. They help to extract information from the large quantities of data stored. These systems rely on Data Warehouses created from Transaction Processing systems.

**Question No: 9 ( Marks: 1 ) - Please choose one**

Information that is outdated, inaccurate, or hard to understand has much less value

▶ **TRUE**

▶ FALSE

**Question No: 10 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ final product is intangible

▶ **Service sector**

▶ Manufacturing Sector

▶ Trading sector

**Question No: 11 (Marks: 1 ) - Please choose one**

\_\_\_\_\_ is a set of defined set of instructions aimed to achieve goals

▶ **Procedure**

- ▶ System
- ▶ Organization

**Question No: 12 ( Marks: 1 ) - Please choose one**

Closed System depends on \_\_\_\_\_ and data.

▶ **Internal resources**

- ▶ External resources
- ▶ Procedures.

**Ref :** • A system that is not connected with its environment

Neither environment exerts any influence on the system nor does system influence the environment. When we refer to a closed system we talk of a system that is dependant on internal resources and data for decision making rather than external environment.

**Question No: 13 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework.

▶ **Infrastructure**

- ▶ System
- ▶ Organization

**Ref :** The term is used differently in a variety of fields; perhaps the single most well-known usage is in economics, where it refers to physical infrastructure such as buildings and roads.

**Question No: 14 ( Marks: 1 ) - Please choose one**

**Incremental model combines the elements of the RAID model with the philosophy of prototyping.**

- ▶ True

▶ **False**

**Ref :** This model combines the elements of the **waterfall model** with the

philosophy of prototyping.

**Question No: 15 ( Marks: 1 ) - Please choose one**

System analysis creates the understanding and lays out the necessary relationships that will

assist in defining a solution to the problem or the design of the proposed software that will

meet the user needs.

▶ True

▶ False

**Ref:** “A problem solving technique that decomposes a system into its component pieces for the purpose of studying, how well those component parts work and interact to accomplish their purpose.”

**Question No: 16 ( Marks: 1 ) - Please choose one**

Which of the following model is a series of short waterfall cycles, each producing an early prototype representing a part of the entire project?

▶ Spiral

▶ Iterative

▶ WaterFall

▶ Incremental

**Ref :** SPIRAL is an iterative approach to system development. The spiral lifecycle model is a combination of the classic waterfall model and aspects of risk analysis. This model is very appropriate for large and complex Information Systems. The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses. It's actually a series of short waterfall cycles, each producing an early prototype representing a part of the entire project. It is a circular view of the software lifecycle as opposed to the linear view of the waterfall approach. It can incorporate other models in its various developmental phases.

**Question No: 17 ( Marks: 1 ) - Please choose one**

**There are five phases of the decision making process, first one is intelligence.**

▶ True

▶ False

**Phases of decision-making process are:**

- **Intelligence** – searching for conditions in the environment that call for decisions
- **Design** – inventing, developing, and analyzing possible courses of action
- **Choice** – selecting a course of action from those available
- **Implementation** – implementing the selected course of action
- **Monitoring** – checking the consequences of the decision made after implementation

**Question No: 18 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ information is just like feedback of organization image in public.

▶ Informal

▶ External (not sure)

▶ Formal

**Question No: 19 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ sources materials in which the information from secondary sources has been digested.

▶ Primary

▶ Tertiary

▶ Secondary

**Ref :** Materials in which the information from secondary sources has been "digested" - reformatted and condensed, to put it into a convenient, easy-to-read form.

**Question No: 20 ( Marks: 1 ) - Please choose one**

**In which of the following category information is presented in its original form, neither interpreted nor condensed nor evaluated by other writers ?**

▶ **Primary Information**

- ▶ Tertiary Information
- ▶ Secondary Information
- ▶ All of above

**Question No: 21 ( Marks: 2 )**

**What do we mean by cognitive process?**

**Ans:** Cognitive process is the mental process of knowing, including aspects such as awareness, perception, reasoning and judgment.

**Question No: 22 ( Marks: 2 )**

**Identify the basic function and responsibilities of a system analyst.**

**Ans:** A person who has a detailed knowledge of computers and system design and his basic function is to analyze the whole system and find out the problems it there is.

**Question No: 23 ( Marks: 3 )**

**What do you understand by ERD? Define briefly**

**Ans:** Entity Relationship Diagram (ERD) is a tool used in system design.

ERD as shown in the above indicates simple relationships. These relationships can be read as.

- one department has one supervisor
- A department may have more than one employees

Or

- An employee may be in more than one departments
- An employee may not be working on any project but a project must have at least one employee working on it.

**Question No: 24 ( Marks: 3 )**

**List any three normative models of Choice Phase of decision making process.**

Page 74

### **The Choice Phase**

A course of action is selected out of the available alternatives as devised in the design phase. Typical Activities include:

- Get information
- Final evaluation
- Sensitivity analysis

### **Question No: 25 ( Marks: 5 )**

What do you understand by system design and identify the steps it includes.

**Ans:** it can be explained and presented in narrative form

### **Question No: 26 ( Marks: 5 )**

**DSS are used to take help in Semi structured decisions. What does DSS use as support in order to facilitate Semi Structured Decision making?**

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Muhammad Soban

0333-7637637

MIDTERM EXAMINATION

Spring 2011

MKT630- International Marketing

(Session - 1)

**Question No: 1 ( Marks: 1 ) - Please choose one**

The term information architecture describes a specialized ----- which relates to the management of information and employment of informational tools.

⇒ Skill Set

⇒ Data Set

⇒ Tool Set

**Question No: 2 ( Marks: 1 ) - Please choose one**

Devaluation of currency is called \_\_\_\_\_

- ⇒ Interest rate
- ⇒ **Inflation**
- ⇒ Markup

**Question No: 3 ( Marks: 1 ) - Please choose one**

The system used to record the transactions of routine and repetitive nature is called as \_\_\_\_\_ .

- ⇒ Support system
- ⇒ Decision support system
- ⇒ **Transaction control system**

**Question No: 4 ( Marks: 1 ) - Please choose one**

----- helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements.

- ⇒ BRP
- ⇒ **MRP**
- ⇒ CRP

**Question No: 5 ( Marks: 1 ) - Please choose one**

Which of the following model combines the elements of the waterfall model with the philosophy of prototyping?

- ⇒ Iterative
- ⇒ **Incremental**
- ⇒ Raid

**Question No: 6 ( Marks: 1 ) - Please choose one**

An information system that automatically generates report on regular basis and are not used to monitor input or activities called

- ⇒ **Open loop system**
- ⇒ Closed loop system
- ⇒ Closed end System

**Question No: 7 ( Marks: 1 ) - Please choose one**

**Which of the following is one of the “Types of Problem”?**

- ⇒ Structured
- ⇒ Unstructured
- ⇒ Semi-Structured
- ⇒ **ALL of the given options**

**Question No: 8 ( Marks: 1 ) - Please choose one**

**They represent Equations / Formulae representing relationship between two or more factors related to each other in a defined manner is called-----**

- ⇒ Graphical Model
- ⇒ **Mathematical Model**
- ⇒ Algebra Model

**Question No: 9 ( Marks: 1 ) - Please choose one**

**The study of business problem domain used to recommend improvements and specify the business Requirements for the solution is called:**

- ⇒ **System Analysis**
- ⇒ System Design
- ⇒ Risk Management
- ⇒ Risk Analysis

**Question No: 10 ( Marks: 1 ) - Please choose one**

**Decision making is the cognitive process of selecting a course of action from among multiple alternatives**

- ⇒ **True**
- ⇒ False

**Question No: 11 ( Marks: 1 ) - Please choose one**

Targeting advertising to customers to ----- the probability, that an offer is accepted.

⇒ Decrease

⇒ **Increase**

⇒ Stable

**Question No: 12 ( Marks: 1 ) - Please choose one**

Management is concerned with the day to day costs, production targets in \_\_\_\_

⇒ Service sector

⇒ **Manufacturing Sector**

⇒ Trading sector

**Question No: 13 ( Marks: 1 ) - Please choose one**

Which of the following are the examples of Primary sources?

⇒ Commentaries, review articles and literature reviews

⇒ Directories, Guidebooks, manuals, Chronologies

⇒ **Interviews, surveys and fieldwork**

⇒ None of the

**Question No: 14 ( Marks: 1 ) - Please choose one**

Which of the following is a method of software/ Information System development where the model is designed, implemented and tested incrementally until the product is finished?

⇒ **Incremental Model**

⇒ Waterfall Model

⇒ Iterative Model

⇒ RAID

**Question No: 15 ( Marks: 1 ) - Please choose one**

System design can be explained and presented in ----- form.

⇒ Mathematical

⇒ Explanatory

⇒ Flow

⇒ **Narrative**

**Question No: 16 ( Marks: 1 ) - Please choose one**

**Which of the following sources are original materials on which other research is based?**

⇒ **Primary**

⇒ Secondary

⇒ Tertiary

⇒ None of these

**Question No: 17 ( Marks: 1 )**

**What is milestone of Waterfall model ? Marks:2**

**Question No: 18 ( Marks: 1 )**

**What is typical information system that a decision support system gathers and discuss?**

**Question No: 19 ( Marks: 2 )**

**Enlist the types of models used in DSS.**

**Question No: 20 ( Marks: 3 )**

**What do you understand by TQM? Identify tools that can be used to promote and implement TQM?(**

**Question No: 21 ( Marks: 3 )**

**What would be the document of software project which is developed under the procedural development phase?**

**Question No: 22 ( Marks: 5 )**

**A newly created organization will face unstructured problems. Why or why not. Justify?**

**Question No: 23 ( Marks: 5)**

**Evaluate prototyping in term of benefits and risk. Also explain why prototypes are used.**

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**Muhammad Soban**

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Muhammad Soban

0333-7637637

## *MIDTERM EXAMINATION*

*Spring 2011*

*Cs507- Information System*

*(Session - 2)*

**Question No: 1 ( Marks: 1 ) - Please choose one**

Software is constructed step by step in the same way as a building is constructed known as :

- Interactive model
- **Incremental model**
- Water fall model
- Rapid model

**Question No: 2 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ engine is the database management system (DBMS) of the expert system.

Select correct option:

- Database
- Development
- Query
- **Inference**

**Inference engine: it is the database management system of the expert system. It performs reasoning by using the contents of the knowledge base.**

**Question No: 3 ( Marks: 1 ) - Please choose one**

Customer relationship management software requires highly integrated environment for high productivity which is rarely available:

- **TRUE**
- FALSE

**Question No: 4 ( Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves selecting a course of action from these available:

- Design
- **Choice**
- Implementation
- Intelligence

**Question No: 5 ( Marks: 1 ) - Please choose one**

Medium size organizations usually have simple management structure than those of small organizations;

Select correct option:

- True
- **False**

**Question No: 6 ( Marks: 1 ) - Please choose one**

**In data mining events that are linked over time are referred to as**

- **Sequences**
- Association and Sequences
- Association

**Question No: 7 ( Marks: 1 ) - Please choose one**

**Quality maintenance is an issue which requires structure reporting:**

- **True**
- False

**Question No: 8 ( Marks: 1 ) - Please choose one**

**----- are run under the direct supervision of family members :**

- Small organization
- **Medium organization**
- Large organization

**Question No: 9( Marks: 1 ) - Please choose one**

**Without the availability of relevant information we may take a decision which is wrong or not to our benefit is it true :**

- Yes
- **No**

**Question No: 10 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ models represent its entities with an abstraction of lines, symbols or shapes.

Select correct option:

- Narrative
- Physical
- Mathematical
- **Graphical**

A graphic model represents its entity with an abstraction of lines, symbols or shapes. (e.g., Economic Order Quantity Model)

**Question No: 11 ( Marks: 1 ) - Please choose one**

----- is raw data entered in computer system:

- **Input element**
- Control mechanism
- Out put system

**Question No: 12 ( Marks: 1 ) - Please choose one**

----- is defined as ‘all elements that exist outside the boundary of organization’:

- Business structure
- Size
- **Business environment**

**Question No: 13 ( Marks: 1 ) - Please choose one**

----- phase is required to establish the scope of the plan and the methodology:

- **Orientation**
- Assessment
- Strategies

**Question No: 14( Marks: 1 ) - Please choose one**

\_\_\_\_\_ summarizes transactions into multidimensional user defined views

**Select correct option:**

- DSS
- MIS
- **OLAP**
- GDSS

**OLAP summarizes transactions into multidimensional user defined views.**

**Question No: 15 ( Marks: 1 ) - Please choose one**

**System simulates the judgment and behaviour of a human or an organization.**

**Select correct option:**

- Proficient
- **Expert**
- Knowledgeable
- Open-loop

**Expert System**

**An expert system is a computer program that attempts to represent the knowledge of human experts in the form of Heuristics. It simulates the judgment and behaviour of a human or an organization that has expert knowledge and experience in a particular field.**

**Question No: 16 ( Marks: 1 ) - Please choose one**

**Information should be tailored in accordance with the organization's culture and structure.**

**Select correct option:**

- **True**
- False

**Conclusion**

**• Availability of timely and accurate information helps in proper decision making and meeting the organizational goals.**

**• Information should be tailored in accordance with the organization's culture and structure.**

**Question No: 17 ( Marks: 1 ) - Please choose one**

The information from the system not used for control purpose called-----  
Select correct option:

- **Open loop system**
- Closed loop system
- Open end System
- Open and close system

**7.3.1 Open-Loop System**

The determinant factor in an open loop system is that the information from the system not used for control purpose. This is done by using the output to generate feed back for control purposes.

**Question No: 18 ( Marks: 1 ) - Please choose one**

HOW ERD is beneficial to system desgining total marks (2)

**Question No: 19 ( Marks: 1 ) - Please choose one**

What is typical information system that a decision support system gather aand discuss(2)

**Question No: 20 ( Marks: 1 ) - Please choose one**

List down techniques in data warehouse(2)

**Question No: 21 ( Marks: 1 ) - Please choose one**

Differenctiate between operational feasibility and behavioural feasibility(3)

**Question No: 22 ( Marks: 1 ) - Please choose one**

Why prototypes are used and discuss its advantages (3)

Question No: 23 ( Marks: 1 ) - Please choose one

What are the subsystems of manufacturing information system list down(5)

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Muhammad Soban

0333-7637637

**MIDTERM EXAMINATION**

**Spring 2011**

**Cs507- Information System**

**(Session -3)**

**Question No: 1 ( Marks: 1 ) - Please choose one**

A TPS wants every transaction to be processed in the same way regardless of the

- User
- Data
- Information

**Question No: 2 ( Marks: 1 ) - Please choose one**

Which of the following is a method of software/ Information System development where the model is designed, implemented and tested incrementally until the product is finished?

- Incremental Model
- WaterFall Model
- Iterative Model
- RAID

**Question No: 3 ( Marks: 1 ) - Please choose one**

-----infrastructure consists of the physical facilities services and management that support all computing resources in an organization

- Information
- Decision
- Management

**Question No: 4 ( Marks: 1 ) - Please choose one**

An integrated man-machine system for providing information to support the operations, management and decision making functions in an organization called----

-----

- DDS
- IS
- DSS

**Question No: 5 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is the raw data entered in the computer system.

- Input element
- Control Mechanism
- Output System

**Question No: 6 ( Marks: 1 ) - Please choose one**

----- needs data preparation which may involve filtering data and data transformations, selecting subsets of records.

- Model Building
- Deployment
- Exploration

**Question No: 7 ( Marks: 1 ) - Please choose one**

Using a decision support system involves an interactive analytical modeling process

- TRUE
- FALSE

**Question No: 8 ( Marks: 1 ) - Please choose one**

Automation has not enhanced the availability of information.

- True
- False

**Question No: 9 ( Marks: 1 ) - Please choose one**

Receivables and payables are the information needs in \_\_\_\_\_

- Small Organization
- Medium organization
- Large Organization

**Question No: 10 ( Marks: 1 ) - Please choose one**

Which of the following structure contains less number of management levels?

- Flat Structure
- Tall Structure
- Classical structure

**Question No: 11 ( Marks: 1 ) - Please choose one**

In which of the following Models it is Difficult to convince some customers that the evolutionary approach is controllable

- Spiral
- Waterfall
- Incremental
- Iterative

**Question No: 12 ( Marks: 1 ) - Please choose one**

Which of the following is one of the “Types of Problem”?

- Structured
- Unstructured
- Semi-Structured
- ALL of the given options

**Question No: 13 ( Marks: 1 ) - Please choose one**

Closed System depends on \_\_\_\_\_ and data.

- Internal resources
- External resources
- Procedures.

**Question No: 14 ( Marks: 1 ) - Please choose one**

Which of the following model combines the elements of the waterfall model with the philosophy of prototyping?

- Iterative
- Incremental
- Raid

**Question No: 15 ( Marks: 1 ) - Please choose one**

The departmental structures are ----- in banking and financial sector.

- Different
- Same
- Mixed

**Question No: 16 ( Marks: 1 ) - Please choose one**

Receivables and payables are the information needs in \_\_\_\_\_

- ↗ **Small Organization**
- ↗ Medium organization
- ↗ Large Organization

**Question No: 17 ( Marks: 2 )**

Describe the component of DSS architecture.

**Question No: 18 ( Marks: 2 )**

**Write any example for Iterative and Incremental model. One example for each.**

**Iterative model**

For example clients may not be aware of exactly what requirements they want before they see a working prototype and can comment upon it - they may change their requirements constantly, and program designers. This is an example of iterative model

**Incremental model**

**Example** -An example of this incremental approach is observed in the development of word processing applications where the following services are provided on subsequent modules:

- Basic file management, editing and document production functions
- Advanced editing and document production functions
- Spell and grammar checking

**Question No: 19 (Marks: 3 )**

**Identify different phases of Spiral model.**

There are different phases uses in spiral model for example organization focusing on Determine the objectives, find the alternatives, plan next phase and develop the next level product. Evaluate alternatives, identify and resolve risks – This involves. Risk analysis and Prototyping, develop, verify next-level product Plan next phase and to determine the strength and weakness in organization

Identify the various phases of decision making process?

**Design:** Once the debtors have been analyzed on the basis of pattern of collection, options can be generated to improve collection rates.

**Choice:** Now a selection has to be made which single strategy or combination of strategies should be implemented.

**Implementation:** Now the stage comes of communicating the policy approved to the interested and Relevant

**Monitoring:** Once the decision has been implemented, the effects and responses should be Monitored

**Question No: 20 ( Marks: 3 )**

List any three benefits of CRM.

**Benefits of CRM:**

- Maintains and enhances customer base
- Encourages customer loyalty
- Gaining more customers' wallet-share

**Question No: 21 ( Marks: 3 )**

Why prototype is used? Also explain its advantages.

**Question No: 22 ( Marks: 3 )**

Discuss the second phase of spiral model along with the steps it involved

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**MIDTERM EXAMINATION**

**Spring 2010**

**Cs507- Information System**

**(Session -1)**

Question No: 1 ( Marks: 1 ) - Please choose one

Information should be tailored in accordance with the organization's culture and structure.

- True
- False

Question No: 2 ( Marks: 1 ) - Please choose one

The information from the system not used for control purpose called-----

- Open loop system
- Closed loop system
- Open end System

**Question No: 3 ( Marks: 1 ) - Please choose one**

A system is a group of -----that are integrated with the common purpose of achieving an objective.

- Information
- Data Sets
- Elements**

**Question No: 4 ( Marks: 1 ) - Please choose one**

With a -----decision environment, there is the possibility of having very quick and very accurate feedback on the decision process.

- Closed-loop**
- Open-loop
- Closed System

**Question No: 5 ( Marks: 1 ) - Please choose one**

The departmental structures are ----- in banking and financial sector.

- Different**
- Same
- Mixed

**Question No: 6 ( Marks: 1 ) - Please choose one**

Information by itself is proving to be the most critical resource for organizations.

- True**
- False

**Question No: 7 ( Marks: 1 ) - Please choose one**

Plans provide a direction but not framework for action.

- True**
- False

**Question No: 8 ( Marks: 1 ) - Please choose one**

Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.

- True**
- False

**Question No: 9 ( Marks: 1 ) - Please choose one**

Decision making is the cognitive process of selecting a course of action from among multiple alternatives:

- True**
- False

**Question No: 10 ( Marks: 1 ) - Please choose one**

The procedures to follow when decision is needed can be specified in advance

- True
- False

**Question No: 11 ( Marks: 1 ) - Please choose one**

Companies are investing in data-driven decision support application frameworks to help them respond to changing market conditions Customer needs

- TRUE
- FALSE

**Question No: 12 ( Marks: 1 ) - Please choose one**

Board of Directors are elected from \_\_\_\_\_

- Customers
- Share holders
- Employees

**Question No: 13 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ style managers allow employees to take part in decision making.

- Authoritative
- Mixed
- Democratic

**Question No: 14 ( Marks: 1 ) - Please choose one**

Closed System depends on \_\_\_\_\_ and data.

- Internal resources
- External resources
- Procedures.

**Question No: 15 ( Marks: 1 ) - Please choose one**

The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

- True
- False

**Question No: 16 ( Marks: 1 ) - Please choose one**

System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.

- True
- False

**Question No: 17 ( Marks: 1 ) - Please choose one**

Information requirements keep varying in accordance with Size of organization, Its structure. Is it true?

- No
- Yes

**Question No: 18 ( Marks: 1 ) - Please choose one**

Accounts should have a control over various recording points in the entire process from procurement to finished goods store room.

- True
- False

**Question No: 19 ( Marks: 1 ) - Please choose one**

Which of the following are the examples of Primary sources?

- Commentaries, review articles and literature reviews
- Directories, Guidebooks, manuals, Chronologies
- Interviews, surveys and fieldwork
- None of the

**Question No: 20 ( Marks: 1 ) - Please choose one**

An information system that automatically generates report on regular basis and are not used to monitor input or activities is called:

- Open loop system
- Closed loop system
- Closed end System

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MJDTERM

EXAMINATION

Spring 2010

Cs507- Information System

(Session -2)

**Question No: 1 ( Marks: 1 ) - Please choose one**

The comparison of actual system with expected system is done with the help of control mechanism.

- False
- True

**Question No: 2 ( Marks: 1 ) - Please choose one**

In data mining, events that are linked over time are referred to as:

- Sequences
- Associations and Sequences
- Associations

**Question No: 3 ( Marks: 1 ) - Please choose one**

**Data mining can allow a firm to develop:**

- DSS based on the Web and Specific marketing campaigns for different customer Segments
- DSS based on the Web.
- Specific marketing campaigns for different customer segments**

**Question No: 4 ( Marks: 1 ) - Please choose one**

----- phase is required to establish the scope of the plan and the methodology and techniques to be applied.

- Assessment
- Strategic
- Orientation**

**Question No: 5 ( Marks: 1 ) - Please choose one**

Information that is outdated, inaccurate, or hard to understand has much less value.

- True**
- False

**Question No: 6 ( Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves inventing, developing, and analyzing possible courses of action?

- Intelligence
- Design**
- Choice
- Implementation

**Question No: 7 ( Marks: 1 ) - Please choose one**

Organizations are distinguished on the basis of \_\_\_\_\_

- Attributes
- Policy
- Management**

**Question No: 8 ( Marks: 1 ) - Please choose one**

Receivables and payables are the information needs in \_\_\_\_\_

- Small Organization**
- Medium organization
- Large Organization

**Question No: 9 ( Marks: 1 ) - Please choose one**  
**Which of the following select chief executive?**

- Employees
- Customers
- Board of Directors**

**Question No: 10 ( Marks: 1 ) - Please choose one**  
**\_\_\_\_\_ is a set of defined set of instructions aimed to achieve goals**

- Procedure**
- System
- Organization

**Question No: 11 ( Marks: 1 ) - Please choose one**  
**\_\_\_\_\_ is not connected with environment.**

- Close system**
- Open system
- Closed Loop System

**Question No: 12 ( Marks: 1 ) - Please choose one**  
**The system used to record the transactions of routine and repetitive nature is called as \_\_\_\_\_ .**

- Support system
- Decision support system
- Transaction control system**

**Question No: 13 ( Marks: 1 ) - Please choose one**  
**Word Processing is an example of the following system:**

- Office automation system**
- Decision support system
- Word processing

**Question No: 14 ( Marks: 1 ) - Please choose one**  
**RAID model combines the elements of the waterfall model with the philosophy of prototyping.**

- True
- False**

**Question No: 15 ( Marks: 1 ) - Please choose one**

Software is constructed step by step in the same way a building is constructed is known as-----

- Iterative Models
- Incremental Models**
- Water fall model
- Rapid Model

**Question No: 16 ( Marks: 1 ) - Please choose one**

Distributing common information to every one may result ----- and -----.

- Waste of time, confusion**
- Increase productivity, awareness
- Cut time, cost
- None of them

**Question No: 17 ( Marks: 1 ) - Please choose one**

Commentaries are the example of \_\_\_\_\_ sources.

- Primary
- Tertiary
- Secondary**

**Question No: 18 ( Marks: 1 ) - Please choose one**

A problem solving technique that decomposes a system into its component pieces for the purpose of studying, how well those component parts work and interact to accomplish their purpose is called:

- System Analysis**
- System Requirements
- Risk Management
- Risk Analysis

**Question No: 19 ( Marks: 1 ) - Please choose one**

How many phases are there in Decision making Process?

- 2
- 3
- 4
- 5**

**Question No: 20 ( Marks: 1 ) - Please choose one**

System design can be explained and presented in ----- form.

- Mathematical
- Explanatory
- Flow
- Narrative**

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MIDTERM EXAMINATION

Spring 2010

Cs507- Information System

(Session -3)

**Question No: 1 ( Marks: 1 ) - Please choose one**

Instead of Information, data is more important in day to day decision making.

- True
- False

**Question No: 2 ( Marks: 1 ) - Please choose one**

Medium size organizations usually have simple management structure than those of small organizations.

- False
- True

**Question No: 3 ( Marks: 1 ) - Please choose one**

Organizational culture is the specific collection of values and norms that are shared by people and groups in an organization and that control the way they interact with each other and with stakeholders outside the

- Sector
- Country
- **Organization**

**Question No: 4 ( Marks: 1 ) - Please choose one**

The information from the system not used for control purpose called-----

- **Open loop system**
- Closed loop system
- Open end System

**Question No: 5 ( Marks: 1 ) - Please choose one**

-----infrastructure consists of the physical facilities services and management that support all computing resources in an organization

- **Information**
- Decision
- Management

**Question No: 6 ( Marks: 1 ) - Please choose one**

The turnaround time from the input of the transaction to the production for the output must be a few -----

- Minutes or less
- Hours or less
- **Seconds or less**

**Question No: 7 ( Marks: 1 ) - Please choose one**

Accounts should have a control over various recording points in the entire process from procurement to finished good store room.

- False
- **True**

**Question No: 8 ( Marks: 1 ) - Please choose one**

Which of the following views organization as a combination of process oriented groups whose information needs are related but Independent?

- **OIS**
- MIS
- EIS
- CBIS

**Question No: 9 ( Marks: 1 ) - Please choose one**  
Organizations are distinguished on the basis of \_\_\_\_\_

- Attributes
- Policy
- **Management**

**Question No: 10 ( Marks: 1 ) - Please choose one**  
Devaluation of currency is called \_\_\_\_\_

- Interest rate
- **Inflation**
- Markup

**Question No: 11 ( Marks: 1 ) - Please choose one**  
\_\_\_\_\_ is not connected with environment.

- **Close system**
- Open system
- Closed Loop System

**Question No: 12 ( Marks: 1 ) - Please choose one**  
Incremental model combines the elements of the RAID model with the philosophy of prototyping.

- True
- **False**

**Question No: 13 ( Marks: 1 ) - Please choose one**  
Which of the following models are an approach for developing systems based on producing deliverables frequently/repetitively?

- **Iterative**
- Incremental
- RAID
- SDLC

**Question No: 14 ( Marks: 1 ) - Please choose one**  
The spiral lifecycle model is a combination of the classic RAID model and aspects of risk analysis.

- True
- **False**

**Question No: 15 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ models are three dimensional representation of an entity (Object/Process).

- **Physical**
- Narrative
- Graphical

**Question No: 16 ( Marks: 1 ) - Please choose one**

There are five phases of decision making process.

- **True**
- False

**Question No: 17 ( Marks: 1 ) - Please choose one**

System analysts work as a link between business people and computer programmers.

- **True**
- False

**Question No: 18 ( Marks: 1 ) - Please choose one**

Decision support systems are designed to be ad hoc and quick-response systems which are initiated and controlled by decision makers.

- **TRUE**
- FALSE

**Question No: 19 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework for supporting the entire

- Management System
- **Infrastructure**
- Decision Support System

**Question No: 20 ( Marks: 1 ) - Please choose one**

There are five phases of the decision making process, first one is intelligence.

- **True**
- False

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## MIDTERM EXAMINATION

Spring 2010

Cs507- Information System

(Session -4)

**Question No: 1 ( Marks: 1 ) - Please choose one**

A hierarchical organization is structured in a way such that every entity in the organization, except one, is subordinate to a single other entity.

- True
- False

**Question No: 2 ( Marks: 1 ) - Please choose one**

Systems have collection of predefined -----related to each other in a sequenced logical manner in order to collectively achieve the desired results.

- Procedures
- Sequences
- Policies

**Question No: 3 ( Marks: 1 ) - Please choose one**

The results given by the system after the process has been performed on the data being input to the system called as-----.

- **Output**
- Input
- Processing

**Question No: 4 ( Marks: 1 ) - Please choose one**

Which type of decision is one for which there may be several "right" answers and there is no precise way to get a right answer?

- Structured
- **Unstructured**
- Semi-Structured

**Question No: 5 ( Marks: 1 ) - Please choose one**

Which of the following level is formulation of new sales products, and identifying new sales opportunities?

- Operational
- Managerial
- **Strategic**

**Question No: 6 ( Marks: 1 ) - Please choose one**

Every transaction that an organization undertakes has a financial impact, to be recorded and reported by the accounts & finance department.

- **True**
- False

**Question No: 7 ( Marks: 1 ) - Please choose one**

The procedures to follow when decision is needed can be specified in advance

- **True**
- False

**Question No: 8 ( Marks: 1 ) - Please choose one**

Companies are investing in data-driven decision support application frameworks to help them respond to

- Changing market conditions
- Customer needs

- **TRUE**
- FALSE

**Question No: 9 ( Marks: 1 ) - Please choose one**

Information that is outdated, inaccurate, or hard to understand has much less value

- TRUE
- FALSE

**Question No: 10 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ final product is intangible

- Service sector
- Manufacturing Sector
- Trading sector

**Question No: 11 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is a set of defined set of instructions aimed to achieve goals

- Procedure
- System
- Organization

**Question No: 12 ( Marks: 1 ) - Please choose one**

Closed System depends on \_\_\_\_\_ and data.

- Internal resources
- External resources
- Procedures.

**Question No: 13 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework.

- Infrastructure
- System
- Organization

**Question No: 14 ( Marks: 1 ) - Please choose one**

Incremental model combines the elements of the RAID model with the philosophy of Prototyping.

- True
- False

**Question No: 15 ( Marks: 1 ) - Please choose one**

System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.

- True
- False

**Question No: 16 ( Marks: 1 ) - Please choose one**

Which of the following model is a series of short waterfall cycles, each producing an early prototype representing a part of the entire project?

- **Spiral**
- Iterative
- WaterFall
- Incremental

**Question No: 17 ( Marks: 1 ) - Please choose one**

There are five phases of the decision making process, first one is intelligence.

- **True**
- False

**Question No: 18 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ information is just like feedback of organization image in public.

- Informal
- **External**
- Formal

**Question No: 19 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ sources materials in which the information from secondary sources has been digested.

- Primary
- **Tertiary**
- Secondary

**Question No: 20 ( Marks: 1 ) - Please choose one**

In which of the following category information is presented in its original form, neither interpreted nor condensed nor evaluated by other writers ?

- **Primary Information**
- Tertiary Information
- Secondary Information
- All of above

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MIDTERM EXAMINATION

Spring 2010

Cy507 - Information System

(Session -5)

**Question No: 1 ( Marks: 1 ) - Please choose one**

Medium size organizations usually have simple management structure than those of small organizations.

True

False

**Question No: 2 ( Marks: 1 ) - Please choose one**

Information should be tailored in accordance with the organization's culture and structure.

True

False

**Question No: 3 ( Marks: 1 ) - Please choose one**

----- needs data preparation which may involve filtering data and data transformations, selecting subsets of records.

- Model Building
- Deployment
- Exploration**

**Question No: 4 ( Marks: 1 ) - Please choose one**

Decision making is the cognitive process of selecting a course of action from among ----- alternatives

- Multiple**
- Double
- Triple

**Question No: 5 ( Marks: 1 ) - Please choose one**

The study of business problem domain used to recommend improvements and specify the business Requirements for the solution is called:

- System Analysis**
- System Design
- Risk Management
- Risk Analysis

**Question No: 6 ( Marks: 1 ) - Please choose one**

In which of the following Models it is Difficult to convince some customers that the evolutionary approach is controllable

- Spiral**
- Waterfall
- Incremental
- Iterative

**Question No: 7 ( Marks: 1 ) - Please choose one**

Partial systems are successively built to produce a final total system in the following model:

- WaterFall
- RAID
- Iterative Model
- Incremental Model**

**Question No: 8 ( Marks: 1 ) - Please choose one**

Decision making is the cognitive process of selecting a course of action from among multiple alternatives

- True
- False

**Question No: 9 ( Marks: 1 ) - Please choose one**

Using a decision support system involves an interactive analytical modelling process

- True
- False

**Question No: 10 ( Marks: 1 ) - Please choose one**

Source of information is generally categorize in primary, secondary and \_\_\_\_\_

- Proximity
- Initially
- Tertiary

**Question No: 11 ( Marks: 1 ) - Please choose one**

Commentaries are the example of \_\_\_\_\_ sources.

- Primary
- Tertiary
- Secondary

**Question No: 12 ( Marks: 1 ) - Please choose one**

Board of Directors are elected from \_\_\_\_\_

- Employees
- Customers
- Share holders

**Question No: 13 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is a group of elements that are integrated with common purpose of objective.

- Procedure
- System
- Firm

**Question No: 14 ( Marks: 1 ) - Please choose one**

Word Processing is an example of the following system:

- Office automation system
- Decision support system
- Word processing

**Question No: 15 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is known as father of warehouse.

- Stephen hawking
- Bill gates
- Bill Inmon

**Question No: 16 ( Marks: 1 ) - Please choose one**

The Iterative model emphasizes the need to go back and reiterate earlier steps number of times as the project progresses.

- True
- False

**Question No: 17(Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves implementing the selected course of action?

- Intelligence
- Design
- Choice
- Implementation

**Question No: 18(Marks: 1 ) - Please choose one**

Which type of decision is one for which there may be several "right" answers and there is no precise way to get a right answer?

- Structured
- Unstructured
- Semi-Structured

**Question No: 19(Marks: 1 ) - Please choose one**

\_\_\_\_\_ is a set of defined set of instructions aimed to achieve goals

- Procedure
- System
- Organization

**Question No:20(marks:1 ) - Please choose one**

**Which of the following helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements**

- BRP
- MRP**
- CRP

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**MIDTERM EXAMINATION**

**SPRING 2010**

**CS507- INFORMATION SYSTEM**

**(SESSION -6)**

**Question No: 1 ( Marks: 1 ) - Please choose one**

Which of the following is an international, multilateral organization, which was created as a result of the Uruguay round of discussion in 1994 to harmonic world trade.

- SAFTA
- SAARC
- WTO

**Question No: 2 ( Marks: 1 ) - Please choose one**

CBIS helps in updating every change being triggered in less time and with more effort.

- True
- False

**Question No: 3 ( Marks: 1 ) - Please choose one**

----- simply means a particular technique of directing one's attention in learning, discovery or problem solving

- Robustness
- Heuristic
- DSS
- EIS

**Question No: 4 ( Marks: 1 ) - Please choose one**

Data Warehouse combines databases across an entire enterprise

- True
- False

**Question No: 5 ( Marks: 1 ) - Please choose one**

Knowledge-Discovery in Databases and Data mining are known as thing.

- True
- False

**Question No: 6 ( Marks: 1 ) - Please choose one**

Production subsystem needs to be linked with the marketing system to ----- right amount of product.

- Produce
- Sale
- Purchase

**Question No: 7 ( Marks: 1 ) - Please choose one**

Decisions in which the decision maker must provide judgment, evaluation, and insights into the problem definition would be characterized as:

- Structured
- Semi Structured
- Unstructured

**Question No: 8 ( Marks: 1 ) - Please choose one**

Which of the following are knowledge workers who facilitate the development of information systems and computer applications by bridging the communications gap that exists between non-technical system users, and System designers and developers?

- System Analysts**
- Software Engineers
- System Designers
- Chief Executives

**Question No: 9 ( Marks: 1 ) - Please choose one**

Partial systems are successively built to produce a final total system in the following model:

- Incremental Model**
- Waterfall
- RAID
- Iterative Model

**Question No: 10 ( Marks: 1 ) - Please choose one**

Computer-aided manufacturing (CAM), is a form of automation where computers communicate work instructions directly to the manufacturing machinery.

- True**
- False

**Question No: 11 ( Marks: 1 ) - Please choose one**

Information quality checklist is the criteria to evaluate \_\_\_\_\_ of information.

- Size
- Quality**
- Need

**Question No: 12 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ style managers allow employees to take part in decision making.

- Authoritative
- Mixed
- Democratize**

**Question No: 13 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework.

- Infrastructure**
- System
- Organization

**Question No: 14 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is known as father of warehouse.

- Stephen hawking
- Bill gates
- Bill Inmon**

**Question No: 15 ( Marks: 1 ) - Please choose one**

Debtor's aging report is an example of the following phase?

- Intelligence**
- choice
- Design

**Question No: 16 ( Marks: 1 ) - Please choose one**

Devising a discount or training policy is an example of design phase.

- TRUE**
- FALSE

**Question No: 17 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is the set of interconnected structural elements that provide The Framework for supporting the entire structure

- Management System
- Infrastructure**
- Decision Support System

**Question No: 18 (Marks: 1 ) - Please choose one**

A newspaper article is a primary source if it reports events, but a secondary source if it analyses and comments on those events.

- True**
- False

**Question No: 19 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ sources are used, which simplify the process of finding the proximity Literature.

Secondary

Primary

Tertiary

**Question No: 20 ( Marks: 1 ) - Please choose one**

Evaluate recovery patterns, relevant costs involved is an example of monitoring

TRUE

FALSE

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**MIDTERM EXAMINATION**

**Spring 2010**

**Cs507- Information System**

**(Session -7)**

**Question No: 1 ( Marks: 1 ) - Please choose one**

Sources of information are generally categorized as -----

- \* Primary
- \* Tertiary
- \* Secondary
- \* **All of above**

**Question No: 2 ( Marks: 1 ) - Please choose one**

Sources of information are generally categorized in different types depending on their originality and their proximity to the source or origin.

- \* **True**
- \* False

**Question No: 3 ( Marks: 1 ) - Please choose one**

Manufacturing process involves more than one sub-process.

- ★ True
- ★ False

**Question No: 4 ( Marks: 1 ) - Please choose one**

The organization refers to a organizational structure with few or no levels of intervening management between staff and managers is called-----

- ★ Hierarchical organization
- ★ Flat Organization
- ★ Pyramid Organization

**Question No: 5 ( Marks: 1 ) - Please choose one**

An information system that automatically generates report on regular basis and are not used to monitor input or activities called

- ★ Open loop system
- ★ Closed loop system
- ★ Closed end System

**Question No: 6 ( Marks: 1 ) - Please choose one**

Every system comprises of basic components which in a co-ordination formulate A system.

- ★ True
- ★ False

**Question No: 7 ( Marks: 1 ) - Please choose one**

----- simply means a particular technique of directing one's attention in learning, discovery or problem solving.

- ★ Robustness
- ★ Heuristic
- ★ DSS
- ★ EIS

**Question No: 8 ( Marks: 1 ) - Please choose one**

----- seek to put intelligence into the hardware in the form of generalized Capability to learn.

- ★ Neural network System
- ★ Fuzzy logic
- ★ DSS
- ★ ESS

**Question No: 9 ( Marks: 1 ) - Please choose one**

Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.

- ★ True
- ★ False

**Question No: 10 ( Marks: 1 ) - Please choose one**

Which of the following model combines the elements of the waterfall model with the philosophy of prototyping?

- ★ Prototyping
- ★ Iterative
- ★ Incremental
- ★ RAID

**Question No: 11 ( Marks: 1 ) - Please choose one**

Management information system (AIS) is that linked to all the information systems in an organization.

- ★ True
- ★ False

**Question No: 12 ( Marks: 1 ) - Please choose one**

Technical Reports are examples of \_\_\_\_\_ resource.

- ★ Tertiary
- ★ Primary
- ★ Secondary

**Question No: 13 ( Marks: 1 ) - Please choose one**

Organizations are distinguished on the basis of \_\_\_\_\_

- ★ Attributes
- ★ Policy
- ★ Management

**Question No: 14 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ are run under direct supervision of family members.

- ★ Small Organization
- ★ Medium organization
- ★ Large Organization

**Question No: 15 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ there is low number of subordinates per person.

- ★ **Pyramid Structure**
- ★ Flat Structure
- ★ Modern Structure

**Question No: 16 ( Marks: 1 ) - Please choose one**

Which of the following structure contains less number of management levels?

- ★ **Flat Structure**
- ★ Tall Structure
- ★ Classical structure

**Question No: 17 ( Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves searching for conditions in the environment that calls for decisions?

- ★ **Intelligence**
- ★ Design
- ★ Choice
- ★ Implementation

**Question No: 18 ( Marks: 1 ) - Please choose one**

Targeting advertising to customers to -----the probability, that an offer is accepted.

- ★ Decrease
- ★ **Increase**
- ★ Stable

**Question No: 19 (Marks: 1 ) - Please choose one**

Elements that exist outside the boundary of the business (Organization) and have the potential to affect all or part of the organization called-----

- ★ WTO
- ★ Company Ordinance
- ★ **Business Environment**
- ★ Company Structure

**Question No: 20 (mark:1 ) - Please choose one**

Which of the following is a form of automation where computers communicate work instructions directly to the manufacturing machinery?

- ★ CAD
- ★ **CAM**
- ★ CIM

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**Question No: 1 ( Marks: 1 ) - Please choose one**

**Information should be tailored in accordance with the organization's culture and structure.**

▶ **True**

▶ False

**Pg:13**

• Information should be tailored in accordance with the organization's culture and structure.

**Question No: 2 ( Marks: 1 ) - Please choose one**

**The information from the system not used for control purpose called-----  
-----**

▶ **Open loop system**

▶ Closed loop system

▶ Open end System

**Pg:20 7.3.1 Open-Loop System**

The determinant factor in an open loop system is that the information from the system not used for control purpose

**Question No: 3 ( Marks: 1 ) - Please choose one**

**A system is a group of -----that are integrated with the common purpose of achieving an objective.**

▶ Information

▶ Data Sets

▶ **Elements**

**Pg:20 A system is a group of elements that are integrated with the common purpose of achieving an objective.**

**Question No: 4 ( Marks: 1 ) - Please choose one**

**With a -----decision environment, there is the possibility of having very quick and very accurate feedback on the decision process.**

▶ **Closed-loop**

- ▶ Open-loop
- ▶ Closed System

**Pg:26** With a closed-loop decision environment, there is the possibility of having very quick and very accurate feedback on the decision process.

**Question No: 5 ( Marks: 1 ) - Please choose one**

**The departmental structures are ----- in banking and financial sector.**

▶ **Different**

- ▶ Same
- ▶ Mixed

**Pg:47 13.1 Financial Sector** The departmental structures are different in banking and financial sector.

**Question No: 6 ( Marks: 1 ) - Please choose one**

**Information by itself is proving to be the most critical resource for organizations.**

▶ **True**

- ▶ False

**Pg:57 14.3 IT Department** Information by itself is proving to be the most critical resource for organizations.

**Question No: 7 ( Marks: 1 ) - Please choose one**

**Plans provide a direction but not framework for action.**

▶ **True**

- ▶ False

**Pg:67** Plans provide a direction and framework for action.

**Question No: 8 ( Marks: 1 ) - Please choose one**

**Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.**

▶ **True**

- ▶ False

**Pg:89 21.2 Prototyping**

“Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.”

**Question No: 9 ( Marks: 1 ) - Please choose one**

**Decision making is the cognitive process of selecting a course of action from among multiple alternatives:**

▶ True

▶ False

**Pg:59**

Decision making is the cognitive process of selecting a course of action from among multiple alternatives.

**Question No: 10 ( Marks: 1 ) - Please choose one**

**The procedures to follow when decision is needed can be specified in advance**

▶ True

▶ False

**Question No: 11 ( Marks: 1 ) - Please choose one**

**Companies are investing in data-driven decision support application frameworks to help them respond to**

- Changing market conditions
- Customer needs

▶ TRUE

▶ FALSE

**Question No: 12 ( Marks: 1 ) - Please choose one**

**Board of Directors are elected from \_\_\_\_\_**

▶ Customers

▶ Share holders

▶ Employees

**Question No: 13 ( Marks: 1 ) - Please choose one**

**In \_\_\_\_\_ style managers allow employees to take part in decision making.**

▶ Authoritative

▶ Mixed

▶ **Democratic**

**Pg:12**

#### **4.2.2 Participative**

In a **Democratic** style, the manager allows the employees to take part in decision-making:

**Question No: 14 ( Marks: 1 ) - Please choose one**

**Closed System depends on \_\_\_\_\_ and data.**

▶ **Internal resources**

▶ External resources

▶ Procedures.

**Pg:24**

When we refer to a closed system we talk of a system that is dependant on internal resources and data for decision making rather than external environment.

**Question No: 15 ( Marks: 1 ) - Please choose one**

**The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.**

True

False

**Pg:88**

The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

**Question No: 16 ( Marks: 1 ) - Please choose one**

**System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.**

True

False

**Pg:92**

• System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.

**Question No: 17 ( Marks: 1 ) - Please choose one**

**Information requirements keep varying in accordance with Size of organization, its structure. Is it true?**

No

Yes

**Pg:6**

## **2.4 Organization & Information Requirements**

Organizations have various attributes which distinguish them from each other. No two organizations are similar in all respects. There have to have certain distinctive lines keeping them unique from each other. Information requirements keep varying in accordance with

- Size of organization
- Its structure
- The Culture it follows
- Decision Making Structures
- Interested parties both internal and external

**Question No: 18 ( Marks: 1 ) - Please choose one**  
**Accounts should have a control over various recording points in the entire process from procurement to finished goods store room.**

▶ **True**

▶ False

**Pg:55**

• **Accounts and Finance**

Accounts should have a control over various recording points in the entire process from procurement to finished good store room.

**Question No: 19 ( Marks: 1 ) - Please choose one**  
**Which of the following are the examples of Primary sources?**

▶ Commentaries, review articles and literature reviews

▶ Directories, Guidebooks, manuals, Chronologies

▶ **Interviews, surveys and fieldwork**

▶ None of the

**pg:2**

Some examples of primary sources:

1. Scientific journal articles reporting experimental research results

2. Proceedings of Meetings, Conferences.

3. Technical reports

4. Dissertations or theses (may also be secondary)

5. Patents

6. Sets of data, such as census statistics

7. Works of literature (such as poems and fiction)

8. Diaries

9. Autobiographies

10. Interviews, surveys and fieldwork

**Question No: 20 ( Marks: 1 ) - Please choose one**  
**An information system that automatically generates report on regular basis and are not used to monitor input or activities is called:**

▶ **Open loop system**

▶ Closed loop system

▶ Closed end System

**Pg:20**

### **7.3.1 Open-Loop System**

The determinant factor in an open loop system is that the information from the system is not used for control purpose. This is done by using the output to generate feedback for control purposes.

- The output is not coupled to the input for measurement.
- Hence the components of an open loop system do not include control and feedback mechanism due to non-existence of internally defined objectives. That is,

- o Input
- o Process
- o Output

### **Example**

An information system that automatically generates reports on a regular basis and are not used to monitor input or activities.

**Question No: 21 ( Marks: 2 )**

**Enlist the types of models used in DSS.**

### **Page 48**

#### **Types of Models Used in DSS**

- Physical Models
- Narrative Models
- Graphic Models
- Mathematical Models

**Question No: 22 ( Marks: 2 )**

**Why prototypes are used?**

### **Page 100**

#### **Why prototypes are used?**

In many fields, there is great uncertainty as to whether a new design will actually do what is desired. New

designs often have unexpected problems. A prototype is built to test the function of the new design before

starting production of a product. Building the full design is often expensive and can be time-consuming. A

prototype allows manufacturers to rapidly and inexpensively test the parts of the design that are most likely

to have problems, solve those problems, and then build the full design.

**Question No: 23 ( Marks: 3 )**

**Various considerations need to be kept in mind while defining parameters for desired output in system designing. What should be them? Identify any three.**

**Question No: 24 ( Marks: 3 )**

**List any three benefits of CRM.**

### **Benefits of CRM**

- Maintains and enhances customer base
- Encourages customer loyalty
- Gaining more customers' wallet-share
- The more effective a company's customer retention and defection management strategy, the

less they need to plug the gap with new customers, who are expensive to recruit.

- CRM help in establishing communication to encourage customers to share information about

their

- Habits,
- Tastes and preferences
- Interests in Co's brand extension initiatives

**Question No: 25 ( Marks: 5 )**

**Discuss different types of problems we faced in decision making process?**

## Page 69 (May be u get better answer from the book )

### Types of Problems

Nature of problem determines the approach to decision making to be followed to solve it. There are three

broad categories.

- **Structured:** Well-structured problems are constrained problems with convergent solutions that engage the

application of a limited number of rules and principles within well-defined parameters.

- **Unstructured:** Problems possess multiple solutions, solution paths, fewer parameters which are less

manipulate able, and contain uncertainty about which concepts, rules, and principles are necessary for the

solution or how they are organized and which solution is best.

- **Semi-structured** – a gray area lies between the structured and unstructured range. Here part of the

decision can be specified allowing for certain factors out of control.

**Question No: 26 ( Marks: 5 )**

**Discuss System Analysis in the light of the following points:**

- 1. A technique to map the system under study.**
- 2. To drill down into the various aspects of the business process without losing sight of the complete system.**

## CS507 Mid 2010 solved by Aniq Malik with ref

**Solved by Aniq Malik, parishy**

 [Shinestar.star86@gmail.com](mailto:Shinestar.star86@gmail.com) 

**MIDTERM EXAMINATION Spring 2010**

**CS507- Information Systems**

<http://vuzs.net/>

<http://groups.google.com/group/vuZs>

**Question No: 1 ( Marks: 1 ) - Please choose one**

**Instead of Information, data is more important in day to day decision making.**

▶ True

▶ False

Ref: Page 11

**Need for information**

**Information is required in day to day decision making. Without the availability of right quantity of information at the right time, the process of decision making is highly affected.**

(zh, parishy, 24/1/11)

**Question No: 2 ( Marks: 1 ) - Please choose one**

**Medium size organizations usually have simple management structure than those of small organizations.**

▶ False

▶ True

Ref:

**Small organizations usually have simple management structure.**

(zh,parishy,24/1/11)

**Question No: 3 ( Marks: 1 ) - Please choose one**

**Organizational culture is the specific collection of values and norms that are shared by people and groups in an organization and that control the way they interact with each other and with stakeholders outside the**

▶ Sector

▶ Country

▶ **Organization**

**Pg:11**

Organizational culture is the specific collection of values and norms that are shared by people and groups in an organization and that control the way they interact with each other and with stakeholders outside the organization.

**Question No: 4 ( Marks: 1 ) - Please choose one**

**The information from the system not used for control purpose called-----**

▶ **Open loop system**

▶ Closed loop system

▶ Open end System

**Pg:20**

**7.3.1 Open-Loop System**

The determinant factor in an open loop system is that the information from the system not used for

control purpose. This is done by using the output to generate feed back for control purposes.

**Question No: 5 ( Marks: 1 ) - Please choose one**

-----infrastructure consists of the physical facilities services and management that support all computing resources in an organization

▶ **Information**

▶ Decision

▶ Management

**Pg:29**

Information nfastructure consists of the physical facilities services and management that support all computing resources in an organization. There are five major components of infrastructure

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**Question No: 6 ( Marks: 1 ) - Please choose one**

The turnaround time from the input of the transaction to the production for the output must be a few -----

▶ Minutes or less

▶ Hours or less

▶ **Seconds or less**

**Pg:31**

Fast performance with a rapid response time is critical. Businesses cannot afford to have customers waiting for a TPS to respond, the turnaround time from the input of the transaction to the production for the

output must be a few seconds or less.

**Question No: 7 ( Marks: 1 ) - Please choose one**

**Accounts should have a control over various recording points in the entire process from procurement to finished good store room.**

▶ False

▶ True

**pg:55**

Accounts should have a control over various recording points in the entire process from procurement to finished good store room.

**Question No: 8 ( Marks: 1 ) - Please choose one**

**Which of the following views organization as a combination of process oriented groups whose information needs are related but Independent?**

▶ OIS

▶ MIS

▶ EIS

▶ CBIS

**pg:42**

### **12.1 Organizational Information Systems (OIS)**

The term OIS views organization as a combination of process oriented groups whose information needs are related but independent. All functional systems should work together for problem solving since each system specialises in specific domain of information.

**Question No: 9 ( Marks: 1 ) - Please choose one**

Organizations are distinguished on the basis of \_\_\_\_\_

- ▶ Attributes
- ▶ Policy

▶ **Management**

**Pg:10**

Organizations can be distinguished on the basis of various criteria. These are as follows.

- Organizational structure
- Culture of the Organizations
- Management Style
- Decision Making Style

**Question No: 10 ( Marks: 1 ) - Please choose one**

Devaluation of currency is called \_\_\_\_\_

- ▶ Interest rate
- ▶ **Inflation**
- ▶ Markup

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**Question No: 11 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is not connected with environment.

- ▶ **Close system**
- ▶ Open system
- ▶ Closed Loop System

**Pg:21**

**7.3.4 Closed Systems**

- A system that is not connected with its environment

- Neither environment exerts any influence on the system nor does system influence the environment.

**Question No: 12 ( Marks: 1 ) - Please choose one**

Incremental model combines the elements of the RAID model with the philosophy of prototyping.

▶ True

▶ False

**Pg:84**

### **incremental Model**

The incremental model is a method of software/ Information System development where the model is designed, implemented and tested incrementally until the product is finished. It involves both development and maintenance. This model combines the elements of the waterfall model with the philosophy of prototyping.

**Question No: 13 ( Marks: 1 ) - Please choose one**

**Which of the following models are an approach for developing systems based on producing deliverables frequently/repetitively?**

▶ Iterative

▶ Incremental

▶ RAID

▶ SDLC

**Pg:86**

### **Iterative Models**

Iterative models are an approach for developing systems based on producing deliverables frequently/repetitively.

**Question No: 14 ( Marks: 1 ) - Please choose one**

**The spiral lifecycle model is a combination of the classic RAID model and aspects of risk analysis.**

▶ True

▶ **False**

**Pg:88**

### **Spiral Model**

SPIRAL is an iterative approach to system development. The spiral lifecycle model is a combination of the classic waterfall model and aspects of risk analysis.

**Question No: 15 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ models are three dimensional representation of an entity (Object/Process).

▶ **Physical**

▶ Narrative

▶ Graphical

**Pg:38**

### **11.3.1 Physical Models**

• Physical models are three dimensional representation of an entity (Object / Process).

Physical models

used in the business world include scale models of shopping centres and prototypes of new automobiles.

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**Question No: 16 ( Marks: 1 ) - Please choose one**

There are five phases of decision making process.

▶ True

▶ False

**Pg:63**

**16.1 Phases of decision-making process are:**

- **Intelligence** – searching for conditions in the environment that call for decisions
- **Design** – inventing, developing, and analyzing possible courses of action
- **Choice** – selecting a course of action from those available
- **Implementation** – implementing the selected course of action
- **Monitoring** – checking the consequences of the decision made after implementation

**Question No: 17 ( Marks: 1 ) - Please choose one**

System analysts work as a link between business people and computer programmers.

▶ True

▶ False

**Pg: 93**

**Why do we need Systems Analysts?**

Systems analysts work as a link between Business people, & Computer Programmers.

**Question No: 18 ( Marks: 1 ) - Please choose one**

Decision support systems are designed to be ad hoc and quick-response systems which are initiated and controlled by decision makers.

▶ TRUE

▶ FALSE

**i didn't find any ref for this MCQ ....**

**Question No: 19 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework for supporting the entire

-

▶ Management System

▶ Infrastructure

▶ Decision Support System

**Pg:29**

Infrastructure, generally, is the set of interconnected structural elements that provide the framework for supporting the entire structure.

**Question No: 20 ( Marks: 1 ) - Please choose one**

**There are five phases of the decision making process, first one is intelligence.**

▶ True

▶ False

**Pg:63**

**16.1 Phases of decision-making process are:**

- **Intelligence** – searching for conditions in the environment that call for decisions
- **Design** – inventing, developing, and analyzing possible courses of action
- **Choice** – selecting a course of action from those available
- **Implementation** – implementing the selected course of action
- **Monitoring** – checking the consequences of the decision made after implementation

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**Question No: 21 ( Marks: 2 )**

**List any two tools used to implement TQM.**

**Answer: There are certain Graphical tools used to implement and promote TQM.  
For instance**

- <!--[if !supportLists]-->1. <!--[endif]-->Histogram**
- <!--[if !supportLists]-->2. <!--[endif]-->Pareto Analysis**
- <!--[if !supportLists]-->3. <!--[endif]-->Cause & Effect Diagram**

**Question No: 22 ( Marks: 2 )**

**Identify the basic function and responsibilities of a system analyst.**

**Answer: Systems analysts work as a link between Business people, & Computer Programmers. Functions of system analysis: At least one person should have a detailed knowledge of**

- 1-The organization**
- 2. How current system operates**
- 3. Information needs of the system**
- 4. Defects in the existing system**

**Question No: 23 ( Marks: 3 )**

**Define basic goals of Computer Integrated Manufacturing (CIM) .  
CIM has three basic goals**

- Simplification of all manufacturing technologies and techniques**
- Automation of as many of the manufacturing processes as possible by integration of many information technologies.**
- Integration and coordination of all the manufacturing aspects through computer hardware and software**

**Question No: 25 ( Marks: 5 )**

**Define different models of SDLC?**

**Answer:**

**Models of System development life cycle:**

### **Waterfall model / Classic lifecycle/ Linear Sequential Model:**

The waterfall model is a software development model (a process for the creation of software) in which development is seen as flowing steadily downwards (like a waterfall) through the various phases

### **Incremental Models:**

In incremental models, software is built not written. Software is constructed step by step in the same way a building is constructed. The products is designed, implemented, integrated and tested as a series of incremental builds, where a build consists of code pieces from various modules interacting together to provide a specific functional capability and testable as a whole.

### **Iterative Models:**

In these models customer feed back is taken at each phase and project is modified accordingly – if need be. Prototypes are used in these models.

**Question No: 26 ( Marks: 5 )**

### **Differentiate between Empire Building and Garbage Can Model.**

Answer :

Note : i could't find any perfect answer for this Question.

The book contain only that few lines which i am describing below

#### **Garbage Can Model**

This model states that organizations are not rational. Decisions made are largely on accidental basis. Hence

wrong solutions may be applied to wrong problems in an organization and critical mistakes may occur.

Information systems should be designed to support and assist in relevant decision making, instead of

making unrelated and wrong decisions.

#### **Empire Building**

Empire building is a business term that refers to a common problem in larger organizations, in which

managers attempt to gather more administrative and financial power. Power can only be shared in an

organization with key employees in terms of their responsibilities & functions. Such employees are the key

players in the decision making process. Hence decisions taken in an organization are a result of collective

efforts of the leaders involved. This model is also termed as Political Model.

# CS507 MID 2009 Solved by vuZs Team (Aniqa Malik) with ref 5

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**Question No: 1 ( Marks: 1 ) - Please choose one**

**Sources of information are generally categorized as -----**

- Primary
- Tertiary
- All of above
- Secondary

**REF:**

## **1.2 Sources of Information**

Sources of information are generally categorized as primary, secondary or tertiary depending on their originality and their proximity to the source or origin.

[www.vuzs.net/](http://www.vuzs.net/)

**Question No: 2 ( Marks: 1 ) - Please choose one**

**Sources of information are generally categorized in different types depending on their originality and their proximity to the source or origin.**

- True
- False

## **1.2 Sources of Information**

Sources of information are generally categorized as primary, secondary or tertiary depending on their originality and their proximity to the source or origin.

**Question No: 3 ( Marks: 1 ) - Please choose one**

**Manufacturing process involves more than one sub-process.**

- True
- False

**Pg:8**

## **1. Manufacturing Sector**

Manufacturing process involves more than one sub-processes, detailed information is required before transferring materials for warehousing, manufacturing and sale to final consumer.

**Question No: 4 ( Marks: 1 ) - Please choose one**

[www.vuzs.net/](http://www.vuzs.net/)

**The organization refers to a organizational structure with few or no levels of intervening management between staff and managers is called-----**

- Hierarchical organization
- Flat Organization
- Pyramid Organization

**Pg:10**

**Flat**

Flat organization refers to an organizational structure with few or no levels of intervening management between staff and managers.

**Question No: 5 ( Marks: 1 ) - Please choose one**

**An information system that automatically generates report on regular basis and are not used to monitor input or activities called**

- Open loop system

- \_ Closed loop system
- \_ Closed end System

**Pg:20**

### 7.3.1 Open-Loop System

The determinant factor in an open loop system is that the information from the system not used for control purpose. This is done by using the output to generate feed back for control purposes.

- The output is not coupled to the input for measurement.
- Hence the components of open loop system do not include control and feedback mechanism due to

non-existence of internally defined objectives. That is,

- o Input
- o Process
- o Output

#### Example

An information system that automatically generates report on regular basis and are not used to monitor input or activities.

**Question No: 6 ( Marks: 1 ) - Please choose one**

**Every system comprises of basic components which in a co-ordination formulate a system.**

- \_ **True**
- \_ False

**Pg:23**

### 8.1 Components of a system

Every system comprises of basic components which in a coordination formulate a system.

**Question No: 7 ( Marks: 1 ) - Please choose one**

**----- simply means a particular technique of directing one's attention in learning, discovery or problem solving.**

- \_ Robustness
- \_ **Heuristic**

- \_ DSS
- \_ EIS

**Pg:33**

Heuristic simply means a particular technique of directing one's attention in learning, discovery or problem solving. It assists in non-routine decision making process due to powerful analytical abilities.

**Question No: 8 ( Marks: 1 ) - Please choose one**

**[www.vuzs.net/](http://www.vuzs.net/)**

**----- seek to put intelligence into the hardware in the form of generalized capability to learn.**

\_ **Neural network System**

- \_ Fuzzy logic
- \_ DSS
- \_ ESS

**Pg:41**

**Neural Network vs. Expert System**

Expert systems seek to model a human expert's way of solving problems. They are highly specific to seeking solutions. Neural networks do not model human intelligence. They seek to put intelligence into the hardware in the form of generalized capability to learn.

**Question No: 9 ( Marks: 1 ) - Please choose one**

**Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.**

True

False

Pg:89

### 21.2 Prototyping

"Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback."

**Question No: 10 ( Marks: 1 ) - Please choose one**

**Which of the following model combines the elements of the waterfall model with the philosophy of prototyping?**

Prototyping

Iterative

Incremental

RAID

Pg:84

### Incremental Model

The incremental model is a method of software/ Information System development where the model is designed, implemented and tested incrementally until the product is finished. It involves both development and maintenance. This model combines the elements of the waterfall model with the philosophy of prototyping.

**Question No: 11 ( Marks: 1 ) - Please choose one**

**Management information system (AIS) is that linked to all the information systems in an organization.**

True

False

Corrected by

(zh,Dec5,2010)

Pg:55

Accounting information system (AIS) is linked to all the information systems in an organization.

**Question No: 12 ( Marks: 1 ) - Please choose one**

**Technical Reports are examples of \_\_\_\_\_ resource.**

Tertiary

Primary

Secondary

Pg:2

Some examples of primary sources: 1. Scientific journal articles reporting experimental research results

2. Proceedings of Meetings, Conferences.

3. Technical reports

4. Dissertations or theses (may also be secondary)

5. Patents

**Question No: 13 ( Marks: 1 ) - Please choose one**

**Organizations are distinguished on the basis of \_\_\_\_\_**

Attributes

Policy

**Management**

**Pg:10**

Organizations can be distinguished on the basis of various criteria. These are as follows.

- Organizational structure
- Culture of the Organizations
- Management Style
- Decision Making Style

**Question No: 14 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ are run under direct supervision of family members.

Small Organization

**Medium organization**

Large Organization

**Pg:7**

Medium sized organizations are run under direct supervision of the family members which rarely extends to segregation of duties and delegation of authority.

**Question No: 15 ( Marks: 1 ) - Please choose one**

In \_\_\_\_\_ there are low number of subordinates per person.

Pyramid Structure

Flat Structure

Modern Structure

**(need to be solved)**

**Question No: 16 ( Marks: 1 ) - Please choose one**

Which of the following structure contains less number of management levels?

**Flat Structure**

Tall Structure

Classical structure

**Pg:11**

Following are the characteristics of a flat organization.

- High number of subordinates per supervisor
- Short of chain of command
- Less number of levels

**Question No: 17 ( Marks: 1 )**

**Define TQM?**

**Total Quality Management (TQM)**

TQM is a set of management and control activities which focus on quality assurance. The quality of the products and services is enhanced and then offered to consumers. An organizational undertaking to improve the quality of manufacturing and service, it focuses on obtaining continuous feedback for making improvements and refining existing processes over the long term.

**Question No: 18 ( Marks: 1 )**

***What are the conglomerate organizations?***

*Conglomerate*

***A company that owns a number of other companies***

***with widely diversified activities.***

*Conglomerate*

***A  
firm***

***engaged in two or more unrelated businesses.***

*Conglomerate:*

***A large group of companies spanning different industrial or business activists, controlled by a single entity***

***For more details click***

***here <http://en.mimi.hu/business/conglomerate.html>.***

**Question No: 19 ( Marks: 2 )**

**What aspects should be covered by design of information flow?**

Design of the information flow

It is a major step in the conceptual design. Following aspects should be covered

- Flow of data & information and transformation points
- The frequency and timing of flows
- **The extent of formality in these flows – input forms, report formats.**

**Question No: 20 ( Marks: 3 )**

**How the chief executive is elected in any organization and what are his responsibilities?**

A **chief executive officer (CEO, U.S. English), managing director (MD, UK English),<sup>[1]</sup> or chief executive** is the highest-ranking corporate officer (executive) or administrator in charge of total management of an organization. An individual appointed as CEO of a corporation, company, organization, or agency reports to the board of directors.

**Many CEOs have the title "president and CEO", which means they are either also the chief operating officer or (especially in the United States) also the president (chairperson) of the board of directors**

**RESPONSIBILITIES**

The responsibility of the chief executive officer is to align the company, internally and externally, with her or his strategic vision. The core duty of a CEO is to

facilitate business outside of the company while guiding employees and other executive officers towards a central objective. The size and sector of the company will dictate the secondary responsibilities. A CEO must have a balance of internal and external initiatives to build a sustainable company.<sup>[2]</sup>

- For corporations, the chief executive officer primarily coordinates external initiatives at a high level. As there are many other c-level executives (e.g. marketing, information, technical, financial etc.), seldom do corporate CEOs have low-level functions.
- For emerging entrepreneurs, their acting position as a CEO is much different than that on the corporate level. As often other c-level executives are not incorporated in small operations, it is the duty of the CEO (and sometimes founder) to assume those positions.
- Mid-sized companies borrow from corporate and entrepreneurial CEO responsibilities. There will not be all c-level positions available so the CEO must compensate for gaps either through delegating or assuming additional responsibility.
- for more detail plz click  
here [http://en.wikipedia.org/wiki/Chief\\_executive\\_officer](http://en.wikipedia.org/wiki/Chief_executive_officer)

**Question No: 21 ( Marks: 5 )**

**Identify the basic purpose of DFD and Identify the steps of Designing a DFD for any process?**

The purpose of data flow diagrams is to provide a linking bridge between users and systems developers.

The data flow diagrams are:

- Graphical, eliminating thousands of words;
- Hierarchical, showing systems at any level of detail; and

They have less jargon, allowing user understanding and reviewing.

Data flow diagrams facilitate users to understand how the system operate. DFD's also help developers to

better understand the system which helps in avoiding delays in proper designing, development, etc. of projects. page 106

### **Rules for DFD's**

The DFD as an analytical tool follows certain rules. These rules help in achieving the level of standardization.

- There should be no black holes, gray holes, miracles.
- Do not leave things unlabeled
- the DFD should not include data flows that are unassociated with the process. Data Flows cannot be without a process or function being involved in the flow.

Below are given three diagrams that indicate bad practices. There has to be a process in between these three diagrams.

For a better understanding of data flow diagram, two diagrams are drawn for the same process. The

diagram A includes some errors/ violation of rules usually used and diagram B is the amended picture

how the correct DFD should look like.

The process covered in these diagrams is as follows.

- The number of hours employees have worked is recorded and employee time record is created stored in employee time file.
- Employee salary information is taken from employee master file which is used along with time records to calculate gross pay.
- The leads to the calculation of deductions leading to computation of net pay.
- Payrolls slips are printed used for
- Record purpose in the employee master file.
- Preparation of checks
- Paychecks and a copy of pay slip is given to the employees.==> PAGE 108

**Question No: 22 ( Marks: 10 )**

**Discuss the purpose of Feasibility Study? Discuss key areas?**

### **Entry and Feasibility Study**

**The purpose of this phase** is to obtain a commitment to change and to evaluate whether cost effective solutions are available to address the problem or opportunity that has been identified. Following examples can be considered to explain this situation.

Say a problem has been recognized by a group of users. They believe they can design and

implement a solution themselves using a high level language. Their proposed system will have little impact on others within the organization, nor will it be material from the viewpoint of the overall organization. In this situation, the users are already motivated to bring about change.

Thus activities to accomplish successful entry are minor or unnecessary.

- On the other hand, consider a solution where potential solutions will have a widespread impact on the overall organization. Activities to accomplish successful entry are now critical.

Information systems professionals must seek to establish themselves as legitimate change

agents among the stake holders. Moreover they must seek to foster among the stakeholders a

commitment to change. If potential solutions will have a significant impact on task and social

systems, a spirit of collaborative analysis and evaluation among stakeholders must be

developed.

Once the entry is successful, a preliminary study can be carried out to evaluate the feasibility of the new

system. A Feasibility study team should be constituted

- Draw representatives from the departments affected by the project
- At least one person must have a detailed knowledge of computers and systems design (called system analyst).

- At least one person should have a detailed knowledge of

1. The organization
2. How current system operates
3. Information needs of the system
4. Defects in the existing system

- Consultants from the outside

### **Key Areas of Feasibility**

Following aspects/criteria can be covered in a feasibility study.

- Technical Feasibility – is the available technology sufficient to support the proposed project? Can the technology be acquired or developed?
- Response times – time between request and execution
- Volume of transactions which can processed within the given time
- Capacity to hold files or records of a certain size

- Number of users supported without execution



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**Question No: 1 ( Marks: 1 ) - Please choose one**

**Procedures are organized in a -----manner to form systems**

**Logical**

Physical

Hybrid

**Ref:**

Pg#18

Procedures are organized in a logical manner to form systems.

**Question No: 2 ( Marks: 1 ) - Please choose one**

**Business is a system where management decisions are influenced by or have an influence on suppliers, customers, society as a whole.**

**True**

False

**Ref:**

Pg#21

Business is a system where management decisions are influenced by or have an influence on suppliers, customers, society as a whole.

**Question No: 3 ( Marks: 1 ) - Please choose one**

**-----infrastructure consists of the physical facilities services and management that support all computing resources in an organization**

**Information**

Decision

Management

**Ref:**

Pg#29

Information infrastructure consists of the physical facilities services and management that support all computing resources in an organization.

**Question No: 4 ( Marks: 1 ) - Please choose one**

**The term information architecture describes a specialized ----- which relates to the management of information and employment of informational tools.**

**Skill Set**

Data Set

Tool Set

**Ref:**

Pg#30

The term information architecture describes a specialized skill set which relates to the management of information and employment of informational tools.

**Question No: 5 ( Marks: 1 ) - Please choose one**

**An integrated man-machine system for providing information to support the operations, management and decision making functions in an organization called----**

-----.

DDS

**MIS**

IS

**Ref:**

Pg#33

Definition of MIS

"An integrated man-machine system for providing information to support the operations, management and decision making functions in an organization."

**Question No: 6 ( Marks: 1 ) - Please choose one**

**Which type of decision is one for which there may be several "right" answers and there is no precise way to get a right answer?**

Structured

**Unstructured**

Semi-Structured

**Ref : Unstructured:** Problems possess multiple solutions, solution paths, fewer parameters which are less manipulate able, and contain uncertainty about which concepts, rules, and principles are necessary for the solution or how they are organized and which solution is best.

**Question No: 7 ( Marks: 1 ) - Please choose one**

**In \_\_\_\_ style managers allow employees to take part in decision making.**

▶ Authoritative

▶ Mixed

▶ **Democratic**

**Ref:**

Pg#12

## Participative

In a Democratic style, the manager allows the employees to take part in decision-making:

**Question No: 8 ( Marks: 1 ) - Please choose one**

**Which of the following is a project management technique that divides complex projects into smaller, more easily managed segments or phases?**

**SDLC**

System Design

System Analysis

Audit Trials

**Ref:**

Pg#68

**Project lifecycle vs. SDLC**

The systems development life cycle is a project management technique that divides complex projects into smaller, more easily managed segments or phases.

**Question No: 9 ( Marks: 1 ) - Please choose one**

**CRM software requires highly integrated environment for high Productivity, which is rarely available.**

**True**

False

**Ref:**

Pg#45

CRM software requires highly integrated environment for high productivity, which is rarely available.

**Question No: 10 ( Marks: 1 ) - Please choose one**

**Which of the following helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements?**

BRP

**MRP**

CRP

**Ref:**

Pg#52

MRP helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements.

**Question No: 11 ( Marks: 1 ) - Please choose one**

**The procedures to follow when decision is needed can be specified in advance**

[True](#)

False

**Question No: 12 ( Marks: 1 ) - Please choose one  
Information products made more valuable by their attributes, characteristics, or qualities**

[True](#)

False

**Question No: 13 ( Marks: 1 ) - Please choose one  
In \_\_\_\_ decisions, problem is recurring and repetitive**

Unstructured

**[Structured](#)**

Semi structured

**Ref:**

Pg#60

**Structured decisions**

Where problem is recurring and repetitive, the common factors can be identified in order to identify a particular course of action.

**Question No: 14 ( Marks: 1 ) - Please choose one  
\_\_\_\_\_ is the raw data entered in the computer system.**

**[Input element](#)**

Control Mechanism

Output System

**Ref:**

**Pg#20**

Input elements

Raw Data input to the computer system

**Question No: 15 ( Marks: 1 ) - Please choose one  
A problem solving technique that decomposes a system into its component pieces for the purpose of studying, how well those component parts work and interact to accomplish their purpose is one of the definitions of system analysis.**

**[True](#)**

False

**Ref:**

Pg#92

**Or alternatively as:**

"A problem solving technique that decomposes a system into its component pieces for the purpose of studying, how well those component parts work and interact to accomplish their purpose."

**Question No: 16 ( Marks: 1 ) - Please choose one**

**System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.**

**True**

False

**Ref:**

Pg#92

System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.

**Question No: 17 ( Marks: 1 )**

What is information System?

PAGE 28

**What are Information Systems?**

Interrelated components working together to collect, process, store and disseminate information to support

decision making, coordination control, analysis and visualization in an organization.

**Question No: 18 ( Marks: 1 )**

**Enlist the categories of the Support system**

**Page 43**

**Support systems can be classified into two categories**

- Office automation systems
- Decision support systems

**Question No: 19 ( Marks: 2 )**

**What is an Office Automation System?**

PAGE 43

**Office Automation Systems**

Office automation system includes formal and informal electronic systems primarily concerned with the

communication of information to and from persons both inside and outside the firm. It supports data

workers in an organization.

### **For Instance**

- Word processing
- Desktop publishing
- Imaging & Web publishing
- Electronic calendars – manager’s appt. calendars
- Email
- Audio & video conferencing – establishing communication between geographically dispersed

persons.

### **Question No: 20 ( Marks: 3 )**

**What do you understand by ERD? Define briefly**

**PAGE 120**

### **Entity Relationship Diagram**

"The entity-relationship diagram (ERD) is a data model or diagram for high-level descriptions of

conceptual data model, and it provides a graphical notation for representing such data models in the

form of entity-relationship diagrams."

### **Question No: 21 ( Marks: 5 )**

**Differentiate between the following**

Computer Aided Design and Computer Aided Manufacturing

### **Computer Aided Design (CAD)**

"It is a system that enables drawings to be constructed on a computer screen and subsequently stored,

manipulated and updated electronically."

The ability to rotate or create movement in the design allows testing for clearances and frequently reduces

the cost of prototyping the products. The technology is used for a wide variety of products in such fields as

architecture, electronics, and aerospace, naval, and automotive engineering. Although CAD systems

originally merely automated drafting, they now usually include three-dimensional modeling and computersimulated

operation of the model. Rather than having to build prototypes and change components to

determine the effects of tolerance ranges, engineers can use computers to simulate operation to determine

loads and stresses. For example, an automobile manufacturer might use CAD to calculate the wind drag on

several new car-body designs without having to build physical models of each one. In microelectronics, as

devices have become smaller and more complex, CAD has become an especially important technology.

Among the benefits of such systems are lower product-development costs and a greatly shortened design

cycle. While less expensive CAD systems running on personal computers have become available for do-ityourself

home remodeling and simple drafting, state-of-the-art CAD systems running on workstations and

mainframe computers are increasingly integrated with computer-aided manufacturing systems.

### **13.13 Computer Aided Manufacturing (CAM)**

Computer-aided manufacturing (CAM) is a form of automation where computers communicate work

instructions directly to the manufacturing machinery. The technology evolved from the numerically

controlled machines of the 1950s, which were directed by a set of coded instructions contained in a

punched paper tape. Today a single computer can control banks of robotic milling machines, lathes,

welding machines, and other tools, moving the product from machine to machine as each step in the

manufacturing process is completed. Such systems allow easy, fast reprogramming from the computer,

permitting quick implementation of design changes. The most advanced systems, which are often

integrated with computer-aided design systems, can also manage such tasks as parts ordering, scheduling,

and tool replacement.

It is a system that uses computer aided techniques to control production facility. Some of these techniques

are

- Computer-aided process planning – Use of computer to control activities and functions to prepare

a detailed set of plans and instructions to produce a machine or part. -- Machines

- Computerised Numerical control (CNC) – refers specifically to the computer control of machine

tools for the purpose of (repeatedly) manufacturing complex parts in metal as well as other materials. e.g. drills, wood routers use this technology.

- Robotics programming – The science or study of the technology associated with the design,

fabrication, theory, and application of robots. – Automobile industry.

**Question No: 22 ( Marks: 10 )**

**Discuss different phases of decision making process in detail**

**Question No: 22 ( Marks: 10 )**

**Discuss different phases of decision making process in detail**

**Phases of decision-making process are:**

- **Intelligence** – searching for conditions in the environment that call for decisions
- **Design** – inventing, developing, and analyzing possible courses of action
- **Choice** – selecting a course of action from those available
- **Implementation** – implementing the selected course of action
- **Monitoring** – checking the consequences of the decision made after implementation

### **The Intelligence Phase**

Scan the environment to identify problem situations or opportunities. Conditions that call for decisions are

identified. Typical Activities include:

- **Country Risk based on following**
  - Country credit rating
  - Transparency
  - Corruption
- **Facilities for one window operation (levels of bureaucracy)**
  - SRO Culture
  - Govt. Policy
  - Law & Order
  - Exchange rates

For instance, international banks while entering into country make assessment of exposure and thus limit

the maximum number of transactions the bank can undertake.

- a) What are the possible advantages, disadvantages, and risks?
- b) How much resources will be diverted from other activities?
- c) When should we start? And so forth.

### **The Design Phase**

Possible courses of actions are invented, developed, and analyzed.

Typical Activities include:

Select criteria for assessing the alternatives (e.g., ROI, market share, etc.)

- Create alternatives: invest now, invest later, do not invest
- Analyze levels and timing of investment
- Information flow for decision making
- Prepare a feasibility study
- How will the choice be made, by whom, and when?

### **The Choice Phase**

A course of action is selected out of the available alternatives as devised in the design phase. Typical Activities include:

- Get information
- Final evaluation
- Sensitivity analysis

### **16.5 The Implementation Phase**

Implement the selected course of action. Typical Activities include:

- Follow the implementation plan
- Deal with resistance to change and necessary approvals and authorizations
- Conduct training
- Transfer resources

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The organizational structures are formulated in order to efficiently manage which of the following: ► Business Cost

### ► Business Operations

► Business Size

Ref: PAGE # 5

The organizational structures are formulated in order to efficiently manage the **business operations**.

### Question No: 2 ( Marks: 1 ) - Please choose one

Elements that exist outside the boundary of the business (Organization) and have the potential to affect all or part of the organization called-----  
----

► WTO

► Company Ordinance

► Business Environment

► Company Structure

Ref: PAGE # 14

**Business Environment** is defined as “all elements that exist outside the boundary of the business (Organization) and have the potential to affect all or part of the organization

### Question No: 3 ( Marks: 1 ) - Please choose one

The comparison of actual system with expected system is done with the help of control mechanism.

► False

► True

Ref: PAGE # 20

• **Control mechanism**

Comparison of actual with expected

**Question No: 4 ( Marks: 1 ) - Please choose one**

The study of business problem domain used to recommend improvements and specify the business Requirements for the solution is called:

▶ Risk Analysis

▶ **System Analysis**

▶ System Design

▶ Risk Management

Ref: PAGE # 92

**System Analysis:**

System analysis can be defined simply as: "The study of business problem domain to recommend improvements and specify the business requirements for the solution."

**Question No: 5 ( Marks: 1 ) - Please choose one**

The First increment in incremental model is usually the core product which addresses the basic requirements of the system.

▶ **True**

▶ False

Ref: PAGE # 85

The first increment is usually the core product which addresses the basic requirements of the system.

<http://vuzs.net/>

<http://groups.google.com/group/vuZs>

**Question No: 6 ( Marks: 1 ) - Please choose one**

Which of the following design involves breaking up the logical design into units?

▶ **Physical**

▶ Logical

▶ None of above options

▶ Commercial

Ref: PAGE # 81

**Physical Design**

The logical design is converted to physical design in this phase. The **physical design involves breaking up the logical design into units**, which in turn can be decomposed further into implementation units such as programs and modules.

**Question No: 7 ( Marks: 1 ) - Please choose one**

Which of the following is a form of automation where computers communicate work instructions directly to the manufacturing machinery?

<http://vuzs.net/>

▶ CAD

▶ **CAM**

▶ CIM

Ref: PAGE # 53

**Computer Aided Manufacturing (CAM)**

Computer-aided manufacturing (CAM) is a form of automation where computers communicate work instructions directly to the manufacturing machinery.

**Question No: 8 ( Marks: 1 ) - Please choose one**

Information that is outdated, inaccurate, or hard to understand has much less value.

▶ **True**

▶ False

**Question No: 9 ( Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves selecting a course of action from those available?

▶ Design

▶ **Choice**

▶ Implementation

▶ Intelligence

Ref: PAGE # 61

**Decision-making process**

- Intelligence – searching for conditions in the environment that call for decisions
- Design – inventing, developing, and analyzing possible courses of action
- **Choice – selecting a course of action from those available**
- Implementation – implementing the selected course of action
- Monitoring – checking the consequences of the decision made after implementation

**Question No: 10 ( Marks: 1 ) - Please choose one**

There are TWO phases of the decision making process

▶ TRUE

▶ FALSE

**6.1 Phases of decision-making process are:**

- **Intelligence** – searching for conditions in the environment that call for decisions
- **Design** – inventing, developing, and analyzing possible courses of action
- **Choice** – selecting a course of action from those available
- **Implementation** – implementing the selected course of action

• **Monitoring – checking the consequences of the decision made after implem**

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**Question No: 11 ( Marks: 1 ) - Please choose one**

MIS is the primary source for the managers to be aware of red-alerts.

▶ TRUE

▶ FALSE

**Ref: PAGE # 61**

**Intelligence:** Identifying the problems occurring in an organization. MIS is the primary source for the managers to be aware of red-alerts.

**Question No: 12 ( Marks: 1 ) - Please choose one**

Information quality checklist is the criteria to evaluate \_\_\_\_\_ of information.

▶ Size

▶ **Quality**

▶ Need

**Ref: PAGE # 6**

**Information Quality Checklist:**

The information can also be ranked in accordance with the qualities it has in it. The experts have devised certain criteria to evaluate the **quality** of information.

**Question No: 13 ( Marks: 1 ) - Please choose one**

Management is concerned with the day to day costs, production targets in \_\_\_\_\_

▶ Service sector

▶ **Manufacturing Sector**

▶ Trading sector

**Ref: PAGE # 8**

**Information Requirements of Manufacturing Sector:**

Management is concerned with the day to day costs, production targets, quality of the product, delivery schedules, etc.

**Question No: 14 ( Marks: 1 ) - Please choose one**

Organization is a group of elements that are integrated with the common purpose of achieving an object.

▶ True

▶ **False**

**Ref: PAGE # 23**

A **system** is a group of elements that are integrated with the common purpose of achieving an objective.

**Question No: 15 ( Marks: 1 ) - Please choose one**

The system used to record the transactions of routine and repetitive nature is called as \_\_\_\_\_ .

▶ Support system

▶ Decision support system

▶ **Transaction control system**

Ref: PAGE # 30

**Transaction Processing System:**

This system is used to record transactions of routine and repetitive nature.

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**Question No: 16 ( Marks: 1 ) - Please choose one**

Which of the following helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements?

▶ BRP

▶ **MRP**

▶ CRP

Ref: PAGE # 52

**MRP** helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements. This helps in achieving on time delivery, High Quality, at the best price.

**Question No: 17 ( Marks: 1 ) - Please choose one**

Cost benefit analysis is must in choosing an alternative in a decision making model.

▶ False

▶ **True**

Ref: PAGE # 65

**Bounded Rationality -- Example**

Cost benefit analysis is a must in choosing an alternative in a decision making model.

**Question No: 18 ( Marks: 1 ) - Please choose one**

A system that is not connected with its environment is called -----

▶ [Closed system](#)

- ▶ Open system
- ▶ Open loop system

Ref: PAGE # 21

**Question No: 19 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ sources are used, which simplify the process of finding the proximity Literature. <http://vuzs.net/>

▶ **Secondary**

- ▶ Primary
- ▶ Tertiary

Ref: PAGE # 3

In science, **secondary sources are those which simplify the process of finding and evaluating the primary literature.** They tend to be works which repackage, reorganize, reinterpret, summarize, index or otherwise "add value" to the new information reported in the primary literature.

**Question No: 20 ( Marks: 1 ) - Please choose one**

An information system that automatically generates report on regular basis and are not used to monitor input or activities is called

▶ [Open loop system](#)

- ▶ Closed loop system
- ▶ Closed end System

Ref: PAGE # 20

## Open-Loop System

### Example

An information system that automatically generates report on regular basis and are not used to monitor input or activities.

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<http://groups.google.com/group/vuZs>

### Question No: 21 ( Marks: 2 )

What is the basic benefit of diagrammatic view of system?

Answer:

### System Design

System design can be explained and presented in narrative form. **But the benefits of diagrammatic view**

**cannot be understated. This helps to give a snapshot of what the entire system looks like. Various**

**diagrammatic tools can be used while designing the system.**

### Question No: 22 ( Marks: 2 )

What are the information requirements for Strategic level in Accounting & financial Information Systems

i could't find any clear answer for this Q , but this book might be help u for this Question .

[http://books.google.com.pk/books?id=GK3vwYda7uwC&pg=PA43&lpg=PA43&dq=What+are+the+information+requirements+for+Strategic+level+in+Accounting+%26+financial+Information+Systems&source=bl&ots=pM9X2gz71U&sig=I44ma0Y0q\\_5bHKFco89ifquNtw8&hl=en&ei=zGE9TcPaJobNhAeUruH4DA&sa=X&oi=book\\_result&ct=result&resnum=6&ved=0CDsQ6AEwBQ#v=onepage&q=What%20are%20the%20information%20requirements%20for%20Strategic%20level%20in%20Accounting%20%26%20financial%20Information%20Systems&f=false](http://books.google.com.pk/books?id=GK3vwYda7uwC&pg=PA43&lpg=PA43&dq=What+are+the+information+requirements+for+Strategic+level+in+Accounting+%26+financial+Information+Systems&source=bl&ots=pM9X2gz71U&sig=I44ma0Y0q_5bHKFco89ifquNtw8&hl=en&ei=zGE9TcPaJobNhAeUruH4DA&sa=X&oi=book_result&ct=result&resnum=6&ved=0CDsQ6AEwBQ#v=onepage&q=What%20are%20the%20information%20requirements%20for%20Strategic%20level%20in%20Accounting%20%26%20financial%20Information%20Systems&f=false)

**Question No: 23 ( Marks: 3 )**

List any three normative models of Choice Phase of decision making process.

Answer :

Page 74

**The Choice Phase**

A course of action is selected out of the available alternatives as devised in the design phase. Typical Activities include:

- Get information
- Final evaluation
- Sensitivity analysis

**Question No: 24 ( Marks: 3 )**

Differentiate between Incremental and iterative models with the help of one example each.

Answer

Page 97

**Incremental vs. Iterative**

These sound similar, and sometimes are equated but there is a subtle difference:

- Incremental: add to the product at each phase
- Iterative: re-do the product at each phase

**Example**

## Building a House

- Incremental: Starts with a modest house, keep adding rooms and upgrades to it.
- Iterative: The design/construction map of the house is amended and improved and repeated

until all the requirements are fulfilled.

Question No: 25 ( Marks: 5 )

Discuss any five benefits of Marketing IS?

<http://vuzs.net/>

Answer :

Page 53

### **Benefits of Marketing IS**

MKIS helps organizations in efficient channel management. Following can be identified as some of the

benefits of MKIS.

1. Customer profiles need to be maintained focusing on their habits and spending patterns. MKIS

helps in maintaining these profiles.

2. Information on what competitors have been upto is also a critical marketing information. This

should not be taken as espionage on competitors.

3. Forecasts of demand is also a critical part of marketing analysis. MKIS helps in achieving this as

well.

4. Field sales can also be monitored where sales agents are used to market products.

5. Customers can be quickly updated based on their information kept in MKIS.
6. Dealers involved in sale of product can also be monitored to help enhance revenue.s

Question No: 26 ( Marks: 5 ) <http://vuzs.net/>

Discuss System Analysis in the light of the following points:

1. A technique to map the system under study.
2. To drill down into the various aspects of the business process without losing sight of the complete system.

Answer:

Note: Its just given by book but u all have to explain it in your own wording. It is just an idea ....

## **Page 102**

### **System Analysis**

System analysis can be defined simply as: “The study of business problem domain to recommend

improvements and specify the business requirements for the solution.”

### **Or alternatively as:**

“A problem solving technique that decomposes a system into its component pieces for the purpose of

studying, how well those component parts work and interact to accomplish their purpose.”

### **Both the definitions highlight following important points:**

- System analysis helps to create an understanding of the business processes, their linkage with

one another, the parameters governing the data flow within the business, the controls and checks built into the processes and the reporting needs in a business where a problem exists

or for which the software needs to be designed.

- System analysis creates the understanding and lays out the necessary relationships that will

assist in defining a solution to the problem or the design of the proposed software that will

meet the user needs.

These two points may be understood as providing a means for undertaking the following tasks:

- A technique to map the system under study.

- To drill down into the various aspects of the business process without losing sight of the complete

system.

- To understand the Workability/Functionality of the subsystems and their role in achieving the

objectives of the system as well as controls and checks in place.

- To establish the relationship or Level of interaction of each system with other components of the

system.

( parishy,24/1/11)

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**Question No: 1 ( Marks: 1 ) - Please choose one**

**Procedures are organized in a -----manner to form systems**

**Logical**

Physical

Hybrid

**Reference:**

Page # 28, Lecture # 06

Procedures are organized in a logical manner to form systems.

**Question No: 2 ( Marks: 1 ) - Please choose one**

**Business is a system where management decisions are influenced by or have an influence on suppliers, customers, society as a whole.**

True

False

**Question No: 3 ( Marks: 1 ) - Please choose one**

**-----infrastructure consists of the physical facilities services and management that support all computing resources in an organization**

**Information**

Decision

Management

**Reference:**

Page # 39, Lecture # 09

Information infrastructure consists of the physical facilities services and management that support all computing resources in an organization.

**Question No: 4 ( Marks: 1 ) - Please choose one**

**The term information architecture describes a specialized ----- which relates to the management of information and employment of informational tools.**

**Skill Set**

Data Set

Tool Set

**Reference:**

Page # 40, Lecture # 09

The term information architecture describes a specialized skill set which relates to the management of information and employment of informational tools.

**Question No: 5 ( Marks: 1 ) - Please choose one**

**An integrated man-machine system for providing information to support the operations, management and decision making functions in an organization called----**

-----

DDS

**MIS**

IS

**Reference:**

Page # 43, Lecture # 10

Definition of MIS

“An integrated man-machine system for providing information to support the operations, management and decision making functions in an organization.”

(Prof. Gordon Davis University of Minnesota)

**Question No: 6 ( Marks: 1 ) - Please choose one**

**Which type of decision is one for which there may be several "right" answers and there is no precise way to get a right answer?**

Structured

Unstructured

Semi-Structured

**Reference:**

Page # 69, Lecture # 15

• **Structured:** Well-structured problems are constrained problems with convergent solutions that engage the application of a limited number of rules and principles within well-defined parameters.

• **Unstructured:** Problems possess multiple solutions, solution paths, fewer parameters which are less manipulate able, and contain uncertainty about which concepts, rules, and principles are necessary for the solution or how they are organized and which solution is best.

• **Semi-structured** – a gray area lies between the structured and unstructured range. Here part of the decision can be specified allowing for certain factors out of control.

**Question No: 7 ( Marks: 1 ) - Please choose one**

model:

WaterFall

RAID

Iterative Model

Incremental Model

**Question No: 8 ( Marks: 1 ) - Please choose one**

**Which of the following is a project management technique that divides complex projects into**

**smaller, more easily managed segments or phases?**

**SDLC**

System Design

System Analysis

Audit Trials

**Reference:**

Page # 81, Lecture # 18

Project lifecycle vs. SDLC

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The systems development life cycle is a project management technique that divides complex projects into smaller, more easily managed segments or phases.

**Question No: 9 ( Marks: 1 ) - Please choose one**

**CRM software requires highly integrated environment for high Productivity, which is rarely available.**

**True**

False

**Reference:**

Page # 55, Lecture # 12

CRM software requires highly integrated environment for high productivity, which is rarely available.

**Question No: 10 ( Marks: 1 ) - Please choose one**

**Which of the following helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements?**

BRP

**MRP**

CRP

**Reference:**

Page # 62, Lecture # 13

MRP helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements.

**Question No: 11 ( Marks: 1 ) - Please choose one**

**The procedures to follow when decision is needed can be specified in advance**

True

False

**Question No: 12 ( Marks: 1 ) - Please choose one**

**Information products made more valuable by their attributes, characteristics, or qualities**

TRUE

FALSE

**Question No: 13 ( Marks: 1 ) - Please choose one**

**In \_\_\_\_\_ decisions, problem is recurring and repetitive**

Unstructured

**Structured**

Semi structured

**Reference:**

Page # 70, Lecture # 15

**Structured decisions**

Where problem is recurring and repetitive, the common factors can be identified in order to identify a particular course of action.

**Question No: 14 ( Marks: 1 ) - Please choose one**

**\_\_\_\_\_ is the raw data entered in the computer system.**

**Input element**

Control Mechanism

Output System

**Question No: 15 ( Marks: 1 ) - Please choose one**

**A problem solving technique that decomposes a system into its component pieces for the purpose of studying, how well those component parts work and interact to accomplish their purpose is one of the definitions of system analysis.**

**True**

False

**Reference:**

Page # 102, Lecture # 22

**System Analysis**

System analysis can be defined simply as: “The study of business problem domain to recommend improvements and specify the business requirements for the solution.”

**Or alternatively as:**

“A problem solving technique that decomposes a system into its component pieces for the purpose of studying, how well those component parts work and interact to accomplish their purpose.”

**Question No: 16 ( Marks: 1 ) - Please choose one**

**System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.**

**True**

False

**Reference:**

Page # 102, Lecture # 22

System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.

**Question No: 17 ( Marks: 1 )**

What is information System?

**Question No: 18 ( Marks: 1 )**

**Enlist the categories of the Support system**

**Reference:**

Page # 43, Lecture # 10

**Support systems can be classified into two categories**

- Office automation systems
- Decision support systems

**Question No: 19 ( Marks: 2 )**

**What is an Office Automation System?**

**Reference:**

Page # 43, Lecture # 10

**Office Automation Systems**

Office automation system includes formal and informal electronic systems primarily concerned with the communication of information to and from persons both inside and outside the firm. It supports data workers in an organization.

**For Instance**

- Word processing
- Desktop publishing
- Imaging & Web publishing

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- Electronic calendars – manager’s appt. calendars
- Email
- Audio & video conferencing – establishing communication between geographically dispersed persons.

**Question No: 20 ( Marks: 3 )**

**What do you understand by ERD? Define briefly**

**Reference:**

Page # 89, Lecture # 19

**Entity Relationship Diagram (ERD)**

Another diagrammatical tool used in system design is ERD. ERD as shown below indicates simple relationships. These relationships can be read as follows.

- One department has one supervisor
- A department may have more than one employees

Or

- An employee may be in more than one departments
- An employee may not be working on any project but a project must have at least one employee working on it

**Question No: 21 ( Marks: 5 )**

**Differentiate between the following**

Computer Aided Design and Computer Aided Manufacturing

**Question No: 22 ( Marks: 10 )**

**Discuss different phases of decision making process in detail**

**Decision-making process**

- Intelligence – searching for conditions in the environment that call for decisions
- Design – inventing, developing, and analyzing possible courses of action
- Choice – selecting a course of action from those available
- Implementation – implementing the selected course of action
- Monitoring – checking the consequences of the decision made after implementation

**Phases for Decision Making – Example**

Any deviation from the norm should be reported as an exception for managers’ attention. As it is the case with “Debtors Aging Analysis”, (Debtors Aging analysis is the stratification of trade receivables in accordance of period of time since they have been due.)

**Intelligence:** Identifying the problems occurring in an organization. MIS is the primary source for the managers to be aware of red-alerts.

**Design:** Once the debtors have been analyzed on the basis of pattern of collection, options can be generated to improve collection rates. For example

- o Offering early payment discounts.
- o Devising various collection strategies for
- o various classes of customer based on
- o Collection period
- o Discounts rates
- o Strengthening sales department for collecting revenue through negotiation and settlement.

**Choice:** Now a selection has to be made which single strategy or combination of strategies should be implemented.

- o Here a DSS system can be used to simulate the consequences of each alternative generated.

o The diversity and complexity of the alternatives generated would determine how extensive the DSS system should be.

**Implementation:** Now the stage comes of communicating the policy approved to the interested and relevant: for example

- o Conducting training sessions of sales department or issuing an office memorandum.
- o Communicating and convincing customers of the new credit terms so as to avoid confusion.
- o Once again MIS will be used to record and report the results/effects of the policy.

**Monitoring:** Once the decision has been implemented, the effects and responses should be monitored. The quality of decisions can be judged only once after they have been implemented. Monitoring helps in evaluating the quality of decisions that have been made. This may include the following:

- o Quantifying the speed in the process of recovery.
- o Discount costs being born by the organization.
- o Customer response in accepting the entire policy.
- o Once again MIS will be used to record and report the results / effects of the policy.



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