

CS101 MIDTERM ORIGINAL PAPER

# CS101

**2022**

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VU Supreme Taleem



Question No : 1 of 26

Marks: 1 (Budgeted Time 1 Min)

For computers, \_\_\_\_\_ number system is natural.

Answer ( Please select your correct option )

Decimal

Octal

Binary

Hexadecimal

Question No : 2 of 26

Marks: 1 (Budgeted Time 1 Min)

When we run a program in a computer, the actual execution of the program takes place in \_\_\_\_\_.

Answer ( Please select your correct option )

RAM

ROM

Microprocessor

Hard Disk

Question No : 3 of 26

Marks: 1 (Budgeted Time 1 Min)

Which of the following computer can be considered as a portable computer?

Answer ( Please select your correct option )

PC

Mainframe

PDA

Supercomputer

Question No : 4 of 26

Marks: 1 (Budgeted Time 1 Min)

Which computer category is widely used in our daily life?

Answer ( Please select your correct option )

Super Computer

Main Frame

Personal Computer

Laptop

Question No : 5 of 26

Marks: 1 (Budgeted Time 1 Min)

Choose the correct html format to create a checkbox.

Answer ( Please select your correct option )

<checkbox>

<input type="checkbox">

<check>

<input type="check">

Question No : 6 of 26

Marks: 1 (Budgeted Time 1 Min)

Software development starts form \_\_\_\_\_ and ends with \_\_\_\_\_.

Answer ( Please select your correct option )

Design, Coding

Concept, Designing

Coding, Testing

Concept, Decommissioning

Question No : 7 of 26

Marks: 1 (Budgeted Time 1 Min)

\_\_\_\_\_ is a programming language which was specifically designed to develop business applications.

Answer ( Please select your correct option )

BASIC

FORTRAN

COBOL

Perl

Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

In MS Excel  $\Sigma$  sign represents:

Answer ( Please select your correct option )

The AutoCorrect button

The AutoFormat button

The AutoSum button

The conditional formating button

Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

\_\_\_\_\_ operator is used to assign values to JavaScript variables.

Answer ( Please select your correct option )

Comparison

Binary

Assignment

Logical

Question No : 10 of 26

Marks: 1 (Budgeted Time 1 Min)

Computers loses accuracy for a task after doing that task for:

Answer ( Please select your correct option )

- One millions of times
- One billions of times
- One trillions of times
- Computer never loses accuracy



To make a text bold in html, the \_\_\_\_\_ tag is used:

Answer ( Please select your correct option )

<BR> </BR>

<BOLD> </BOLD>

<B> </B>

<BODY> </BODY>

Question No : 12 of 26

Marks: 1 (Budgeted Time 1 Min)

The effect of paragraph tag (<P></P>) in a webpage, is that it:

Answer ( Please select your correct option )

Brings the cursor to the next line



Brings back the cursor to the previous line

Brings the cursor to the next after next line

Keeps the cursor in the same line

Question No : 13 of 26

Marks: 1 (Budgeted Time 1 Min)

There are \_\_\_\_\_ tags in html.

Answer ( Please select your correct option )

Only Single

Only Paired

Single and Paired

Multiple

Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)



An algorithm developed to deal with a particular situation is giving the desired results but taking long execution time. It will be called as \_\_\_\_\_.

Answer ( Please select your correct option )

Monte Carlo algorithm



Greedy algorithm



Deterministic algorithm



Heuristics



Question No : 15 of 26

Marks: 1 (Budgeted Time 1 Min)



You are asked to pick two things from different types of things like jewelry, mobile phones and cars. Which algorithm will be best suited in this situation to get maximum benefits?

Answer ( Please select your correct option )

Deterministic Algorithm

Non Deterministic Algorithm

Greedy Algorithm

Randomized Algorithm

Question No : 16 of 26

Marks: 1 (Budgeted Time 1 Min)



Just like JavaScript, \_\_\_\_\_ was used for writing script.

Answer ( Please select your correct option )

FORTRAN



QBasic



Perl



JAVA





If you have to draw some charts on the basis of mathematical calculations then which one of the software from the following list will be your preference?

Answer ( Please select your correct option )

Spreadsheet

Word Processor

Database Management System

Dreamweaver

Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)



If someone wants to develop a web page then which one of the software from the following list will be his / her preference?

Answer ( Please select your correct option )

Spreadsheet

Word processor

MS Outlook

Dreamweaver



Question No : 19 of 26

Marks: 1 (Budgeted Time 1 Min)



In the evolution of computing, \_\_\_\_\_ paid its major contribution by introducing PCs.

Answer ( Please select your correct option )

Microsoft



Apple Macintosh



IBM



HP



Question No : 20 of 26

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not a peripheral device for a computer?

Answer ( Please select your correct option )

- USB
- Printer
- Scanner
- Power Supply Unit

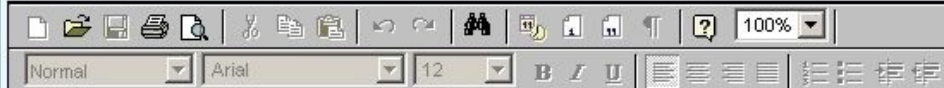
Question No : 21 of 26

Marks: 2 (Budgeted Time 4 Min)

Find out error in the given HTML script:

```
<HTML>  
<HEAD>  
<TITLE> VIRTUAL UNIVERSITY OF PAKISTAN</TITLE>  
</HEAD>
```

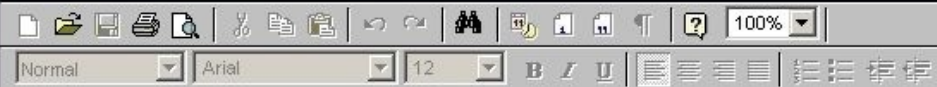
Answer ( [Please click here to Add Answer](#) )



If A1=15, B1=35 and C1=11 then what will be the output of the following formula?

$=(A1*(C1+B1/2))/100$

Answer ( [Please click here to Add Answer](#) )

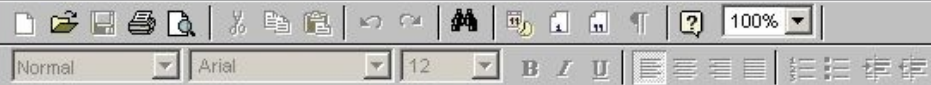


Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

Describe the applicability of Ockham's razor principle in the field of computing.

Answer ( [Please click here to Add Answer](#) )



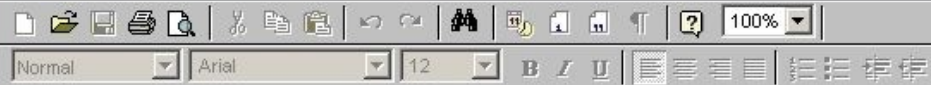
Normal Arial 12 B I U

Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

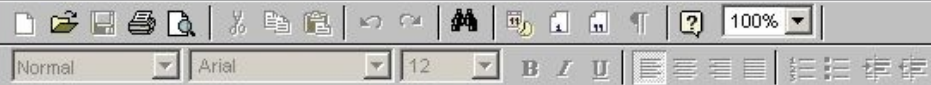
Mr. Ali is a developer who selected the object oriented design for the development of a system. Discuss why did he not select the structured design?

Answer ( [Please click here to Add Answer](#) )



UNIX is better than Windows operating system. Do you agree? Justify your answer with reason.

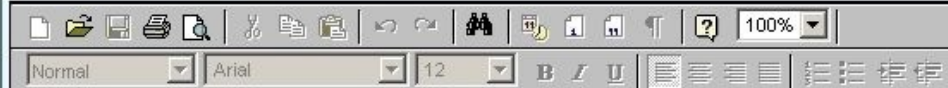
Answer ( [Please click here to Add Answer](#) )



Normal Arial 12 B I U

I want to develop a software system for an air line company, just name the steps needed to develop this system.

Answer ( [Please click here to Add Answer](#) )



A rich text editor toolbar with various icons for file operations (New, Open, Save, Print, Find, Copy, Paste), editing (Undo, Redo, Bold, Italic, Underline), and formatting (Text Color, Background Color, Bulleted List, Numbered List, Indentation, Decrease Indentation, Increase Indentation). The font is set to Arial, size 12, and the zoom level is 100%.

