

# VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future  
CORRECT ANSWER SOLVED BY HADI  
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## (Final Term Past Paper)



MADE AND SOLVED BY TEAM HADI

**WARNING:** Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!

مہربانی کر کے میری امی جان کے لیے دعا کر دینا ان کی ۲۰۲۱ میں وافات ہوگی تھی، شکریہ (ہادی)

## FINAL TERM PAST PAPER SOLVED BY TEAM HADI VU

CODE: CS508-FILE(1)

NOTE: BEST TEAM OF VIRTUAL UNIVERSITY

A PROJECT OF BITOUT SOFTWARE HOUSE LAHORE

Question 1: A main() function in a JAVA program:

- cannot be inside a class
- must be inside a class
- is always declared as a global function
- returns more than one value.....(TEAM HADI VU)

Question 2: In C#, reference type objects use memory of \_\_\_\_ data structure.

- Tree
- List
- **Stack.....(TEAM HADI VU)**
- Heap

Question: Identify the language which is not based upon the von Neumann Architecture.

- **Java.....(TEAM HADI VU)**
- C
- COBOL
- Pascal

Question 3: A predicate may have \_\_\_\_ or more arguments.

- Three
- **Zero .....(TEAM HADI VU)**
- One
- Two

Question 4: Which of the following method in a Java class cannot be changed (overridden) in a subclass?

- public void display(){..}
- public static void area(){...}
- **public final void result();{..}.....(TEAM HADI VU)**
- private void radius();{..}

Question5: \_\_ operator is used to return a reference from a function in PHP.

- &&
- \$
- Dot
- **&.....(TEAM HADI VU)**

Question 6: A type conversion that occurs without any special directive from the programmer is known as:

- Explicit conversion
- Implicit conversion (TEAM HADI VU)
- Strict conversion
- Imperative conversion

Question 7: With programming in \_\_\_\_\_ we state what we want and not how to do it.

- Prolog..... (TEAM HADI VU)
- Algol
- C#
- Fortran

Question 8: The head and tail of a list in PROLOG is separated by:

- Colon (:)
- Semicolon (;)
- Vertical bar [ ] [TEAM HADI VU]
- Comma (,)

Question 9: Unlike C/C++, Ada can have \_\_\_\_\_ within functions procedures.

- Objects
- Functions procedures (CHECK IT)
- Events
- Parameters

Question 10: Which of the following language was NOT developed in 1950s era?

- SMALLTALK **i think**

- COBOL
- LISP
- FORTRAN

Question 11: In \_\_\_\_ the 'break' statement may have an optional parameter or argument.

- C/C++ .....(TEAM HADI VU)
- C#
- Java
- PHP

Question 12: A/An \_\_\_\_ is a default mechanism for specifying types of variables in most programming languages.

- Explicit declaration
- **Implicit declaration.....(TEAM HADI VU)**
- Run time declaration
- Static declaration

Question 13: The correct way to declare a class as unsafe in C# is:

- class unsafe MyClass (...)
- **unsafe class MyClass{...}check it**
- unsafe MyClass(...)
- class MyClass unsafe (...)

Question 14: In late 70s, readability and more productivity of programming languages resulted in:

- **Machine Efficiency .....(TEAM HADI VU)**
- People efficiency
- Data Abstraction
- Object Oriented Programming

Question 15: COBOL uses \_\_\_\_\_ to show nested records.

- **Level numbers.....(TEAM HADI VU)**
- Recursive
- definitions
- Pointers Array's

Question 16: The main goal of PHP language is to:

- Write client-side scripts
- **Dynamically generate web pages quickly.....(TEAM HADI VU)**
- Create mobile applications
- Develop portable software

Question 17: Concurrency in Java is supported through.

- **Threads .....(TEAM HADI VU)**
- Operator overloading
- Batch execution
- Resource allocation

Question 18: In JavaScript, \_\_\_\_\_ operator is used for concatenation.

- Dot (.)
- **Plus (+).....(TEAM HADI VU)**
- Vertical bar (|)
- Exponent (^)

Question 19: \_\_\_\_\_ has a pre-test version, but no post-test version of logically controlled loop.

- Java
- C++
- C
- **Ada.....(TEAM HADI VU)**

Question 20: In \_\_\_\_\_ we have to address the client-side compatibility issues.

- Python
- JavaScript
- ASP
- **PHP.....(TEAM HADI VU)**

Question 21: A programming language is \_\_\_typed if type errors are\_\_ detected.

- Weakly, always
- Always, weakly
- Strongly, often
- **Strongly, always.....(TEAM HADI VU)**

Question 22: Short-circuit evaluation in a typical programming language is NOT allowed for \_\_\_\_\_

- Boolean operators
- Relational operators
- **Bitwise operators.....(TEAM HADI VU)**
- Arithmetic operators

Question 23: In C#, the name of class and the name of the file in which it is saved:

- must match up
- **do not need to match up.....(TEAM HADI VU)**
- must start with lowercase letter
- must start with uppercase letter

Question 24: In which of the following programming language, type checking of parameters is not required?

- Pascal
- FORTRAN 77
- Java
- Ada

Question 25: All objects in Java \_\_\_\_

- are explicit heap dynamic
- **have dynamic storage binding.....(TEAM HADI VU)**
- have stack dynamic storage binding
- have static storage binding

Question 26: A binary operator has \_\_\_\_ operand's.

- Zero
- One
- **Two .....(TEAM HADI VU)**
- Three

Question 27: The document object model in JavaScript includes the features and issues of \_\_\_\_\_

- **Browser and HTML code.....(TEAM HADI VU)**
- PHP and HTML code
- JavaScript and Browser code
- HTML and JavaScript code

Question 28: In the context of Type Compatibility, sub ranges of integer types are NOT compatible with \_\_\_\_\_ types.

- Float
- char
- double
- **integer.....(TEAM HADI VU)**

Question 29: \_\_\_\_\_ is the magical thing in Prolog.

- Program Partition
- **Inference Engine.....(TEAM HADI VU)**
- List Processing
- Predicate

Question 30: A table data structure in SNOBOL can be used as \_\_\_\_

- Stack
- Queue
- Pointers
- **Arrays.....(TEAM HADI VU)**

Question 31: In JavaScript, navigator is a \_\_\_\_ object.

- Built-in
- **Browser(Not Sure)**
- Document
- User defined

Question 32: We have extensive use of \_\_\_\_ in LISP.

- for loop
- switch statement
- **recursion.....(TEAM HADI VU)**
- while loop

Question 33: \_\_\_\_ is a unit level control iterative statement.

- **Recursion.....(TEAM HADI VU)**
- Iteration
- Loop
- Switch statement

Question 34: In C programming language, array is passed by

- Value
- Reference
- **Pointer** ←
- Access method

Question 35: \_\_\_\_ in Ada is a type of Record that may be extended.

- Packages
- Tagged type
- Record
- structure Array

Question 36: C# supports only \_\_\_\_ inheritance and it achieves \_ inheritance through the concept of interfaces.

- Single, nested
- **Single, multiple.....(TEAM HADI VU)**
- Multiple, multiple
- Multiple, single

Question 37: In Ada language, all pointers are initialized to \_\_\_\_

- GarbageValue
- One
- **Null .....(TEAM HADI VU)**
- Zero

Question 38: Correct syntax to declare a tagged type student in Ada is \_\_\_\_

- type student-tagged record
- type student::tagged record
- student-type tagged record
- type student is tagged record ←

Question 39: Which of the following statement is true if variable \$a is not identical to variable \$b in PHP?

- \$a!==\$
- \$a==!\$
- \$a!= \$
- **\$a!==!\$ .....(TEAM HADI VU)**

**FOR SUBJECTIVE :03087122922**

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اللہ صبر کرنے والوں کے ساتھ ہے  
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