

# VIRTUAL UNIVERSITY OF PAKISTAN

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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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## FINAL TERM PAST PAPER SOLVED BY TEAM HADI VU CODE: CS508-FILE(2)

NOTE: BEST TEAM OF VIRTUAL UNIVERSITY

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Question 1: In \_\_\_\_\_ Boolean expression is convertible into integer type.

- C#
- C++
- Java .... YOUTUBE CHANNEL VU TEAM HADI
- Ada

Question 2: The inference mechanism is based upon \_\_\_\_\_.

- Backtracking .... YOUTUBE CHANNEL VU TEAM HADI
- Propositional logic

- Forward chaining
- Recursion

Question 3: We use \_\_\_\_ operator for indirect referencing in SNOBOL.

- Unary dot()
- **Unary S ....YOUTUBE CHANNEL VU TEAM HADI**
- Binary dot()
- Binary S

Question 4: In \_\_\_\_ we consider programming as a human activity.

- SNOBOL
- Assembly Language
- Machine Language
- **ADA....YOUTUBE CHANNEL VU TEAM HADI**

Question 5: Each super class method in Java except its \_ can be inherited, overloaded, or overridden.

- Destructors
- Operators
- Methods
- **Constructors ....YOUTUBE CHANNEL VU TEAM HADI**

Question 6: \_\_\_\_ operator is used to return a reference from a function in PHP.

- **&....YOUTUBE CHANNEL VU TEAM HADI**
- &&
- Dot
- \$

Question 7: "with" statement in JavaScript is an alternative of \_\_\_\_.

- While statement
- Union statement
- Single document write statement

- **Multiple document.write statements ....TEAM HADI VU**

Question 8: Arrays in JavaScript are\_\_\_\_\_ based.

- One Index
- **Zero Index ....YOUTUBE CHANNEL VU TEAM HADI**
- Location
- Length

Question 9: The basic tool for writing programs in PROLOG is:

- Inheritance
- Polymorphism
- Object-Orientation
- **Recursion ....YOUTUBE CHANNEL VU TEAM HADI**

Question 10: Each class in a Java program can have:

- **Only one constructor function**
- Many constructor functions
- Maximum two constructor functions
- Five constructor functions

Question 11: Restricted use of pointers is permitted in C# within the code marked as:

- safe
- **unsafe ....YOUTUBE CHANNEL VU TEAM HADI**
- static
- void

Question 12: \_\_\_\_\_is the magical thing in Prolog.

- Program Partition
- **Inference Engine ....YOUTUBE CHANNEL VU TEAM HADI**
- List Processing
- Predicate



Question 13: Each source file in\_\_\_\_\_ has a public class.

- C++
- Ca
- **Java ....YOUTUBE CHANNEL VU TEAM HADI**
- Prolog

Question 14: Which of the following are lightweight processes in Java?

- Packages
- **Threads ....YOUTUBE CHANNEL VU TEAM HADI**
- JVM
- Applets

Question 15: In PHP' switch' structure, the\_\_\_\_\_ starts or implements an implicit loop.

- **Break statement ....YOUTUBE CHANNEL VU TEAM HADI**
- For loop
- Continue statement
- Return statement

Question 16: The concept of C# jagged array is similar in functionality with\_\_\_\_\_

- **Java array of Array ....YOUTUBE CHANNEL VU TEAM HADI**
- Java pointer array
- Java rectangular array
- C++ rectangular array

Question 17: FORTRAN, PL1 and BASIC languages provide\_\_\_\_\_of variables.

- Explicit declaration
- **Implicit declaration....YOUTUBE CHANNEL VU TEAM HADI**
- Runtime declaration
- Static declaration

Question 18: Alam\_\_\_\_\_is a special word that cannot be used as a user defined name.

- Abstract word

- **Reserved word ....YOUTUBE CHANNEL VU TEAM HADI**

- Flag word
- Dummy word

Question 19: A programming language which does all the type checking statically is a:

- **Weakly typed language ....YOUTUBE CHANNEL VU TEAM HADI**

- Strongly typed language
- Static language
- Dynamic language

Question 20: COBOL uses\_\_\_ to show nested records.

- **Level numbers....YOUTUBE CHANNEL VU TEAM HADI**

- Recursive definitions
- Pointers
- Arrays

Question 21: In Java, the arithmetic expression evaluation order is always from\_\_\_\_\_.

- Centre to right
- Right to Left
- Centre to left

- **Left to right ....YOUTUBE CHANNEL VU TEAM HADI**

Question 22: \_\_\_\_\_parameters are declared inside a subprogram.

- **Default ....YOUTUBE CHANNEL VU TEAM HADI**

- Actual
- Formal
- Copy

Question 23: Low level features are very important in a language if you want to work on\_\_\_\_\_.

- Artificial Intelligence Applications
- **System Programming ...check it**
- Scientific Applications

- Functional Paradigm

Question 24: \_\_\_\_\_ was the first machine independent language.

- **ALGOL ...YOUTUBE CHANNEL VU TEAM HADI**
- FORTRAN
- SNOBOL
- LISP

Question 25: Ada enum type is different from C enum type as no \_\_\_\_\_ on Ada enum type is performed.

- Logical Operation
- Arithmetic Operation
- Relational Operation
- Boolean Operation

Question 26: Correct syntax of creating a variable of specific length in Ada is \_\_\_\_\_

- **Some String: String(1>20);**
- Some\_String: String(1..20);
- Some\_String: String(1,20);
- Some String: String(1:20);

Question 27: In Ada, tagged type definition is performed in a \_\_\_\_\_

- Class
- Structure
- Package
- **Record ....YOUTUBE CHANNEL VU TEAM HADI**

Question 28: The correct syntax to define a dotimes loop in LISP is:

- **(dotimes (count n result) body) ....**
- (dotimes body (count result))
- (body (count n result) dotimes)
- (body dotimes (count n result))

Question 29: A binary operator has \_\_\_\_\_ operand's



- Zero
- One
- **Two ....YOUTUBE CHANNEL VU TEAM HADI**
- Three

Question 30: With programming in,\_\_\_\_ we state what we want and not how to do it.

- **Prolog ....YOUTUBE CHANNEL VU TEAM HADI**
- Algo
- C#
- Fortran

Question 31: Which of the following symbol may be used to create strings in PHP?

- &
- @
- \$
- **//....YOUTUBE CHANNEL VU TEAM HADI**

Question 32: In C, the value type and reference type variables are interconvertible through\_\_\_\_ concept.

- Tagged type
- **Boxing ....YOUTUBE CHANNEL VU TEAM HADI**
- Interfaces
- Indexing

Question 33: Which of the following operator is used for string concatenation in PHP?

- | (vertical bar)
- **(dot) ....YOUTUBE CHANNEL VU TEAM HADI**
- \$ (Dollar)
- @ (at the rate)

Question 34: The resultant value of variable 'x' in JavaScript statement var x = "5" - "2"; will be\_\_\_\_

- 5-2

- 52
- **3....YOUTUBE CHANNEL VU TEAM HADI**
- "5"-"2"

Question 35: In the context of Type Compatibility, sub ranges of integer types are NOT compatible with\_\_ \_types.

- float
- char
- double
- **integer ....YOUTUBE CHANNEL VU TEAM HADI**

Question 36: In\_\_\_\_ control statements were based directly on IBM 704 hardware.

- Ada
- **FORTAN I ....YOUTUBE CHANNEL VU TEAM HADI**
- FORTRAN 77
- IBM Assembly language

Question 37: Which of the following best describes the memory leakage problem?

- A pointer that is assigned NULL value.
- **Lost heap-dynamic variable ....**
- Use of an un-initialized pointer
- Assigning value of an integer variable to a pointer



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