

VIRTUAL UNIVERSITY OF PAKISTAN

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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 اُن 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 ____

- Garbage Value
- 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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