

COMPUTER COMPETITIVE CHAPTER 06

- ENG PART-2 - DESIGNING TOOLS & PROGRAMMING LANGUAGES

Total points 50/50 

Minimum Passing Marks = 45

STUDENT NAME *

VIVA

✓ 1. Which of the following is a high-level programming language? * 1/1

- A) Assembly
- B) Machine
- C) C++ 
- D) Binary



✓ 2. What does IDE stand for in programming? *

1/1

- A) Integrated Debugging Environment
- B) Internal Development Environment
- C) Integrated Development Environment
- D) Intelligent Developer Engine

✓

✓ 3. Which of these is a designing tool? *

1/1

- A) Photoshop
- B) Python
- C) Java
- D) C

✓

✓ 4. Which language is considered the first high-level programming language?

*1/1

- A) FORTRAN
- B) C
- C) COBOL
- D) BASIC

✓

✓ 5. A compiler translates: *

1/1

- A) High-level to low-level
- B) Low-level to high-level
- C) One language to another
- D) Binary to text

✓

✓ 6. HTML is used for: *

1/1

- A) Programming logic
- B) Creating spreadsheets
- C) Designing web pages
- D) Writing algorithms

✓

✓ 7. Which of the following is NOT a programming language? *

1/1

- A) Python
- B) JavaScript
- C) Notepad
- D) Ruby

✓

✓ 8. Which of these is used for front-end web development? *

1/1

- A) Java
- B) CSS
- C) Python
- D) PHP

✓

✓ 9. The process of finding and fixing errors in software is called: *

1/1

- A) Installing
- B) Debugging
- C) Compiling
- D) Executing

✓

✓ 10. What does GUI stand for? *

1/1

- A) General User Interface
- B) Graphical Utility Interface
- C) Graphical User Interface
- D) Graphic Unit Interface

✓

✓ 11. Which programming language is best for AI? *

1/1

- A) HTML
- B) Python
- C) COBOL
- D) Pascal

✓

✓ 12. Which software is used for 2D designing? *

1/1

- A) MS Word
- B) AutoCAD
- C) Excel
- D) Chrome

✓

✓ 13. Which is not a type of programming paradigm? *

1/1

- A) Object-oriented
- B) Procedural
- C) Functional
- D) Analytical

✓

✓ 14. Java was developed by: *

1/1

- A) Microsoft
- B) Apple
- C) Sun Microsystems
- D) IBM

✓

✓ 15. The extension of a Python file is: *

1/1

- A) .java
- B) .exe
- C) .py
- D) .txt

✓

✓ 16. Flowcharts are used to: *

1/1

- A) Write code
- B) Represent algorithms
- C) Edit images
- D) Create databases

✓

✓ 17. Which of the following is a server-side language? *

1/1

- A) HTML
- B) JavaScript
- C) PHP
- D) CSS

✓

✓ 18. Which is not a web designing language? *

1/1

- A) HTML
- B) CSS
- C) Java
- D) JavaScript

✓

✓ 19. Pseudocode is: *

1/1

- A) A fake code
- B) A flowchart
- C) Programming in English-like language
- D) A software

✓

✓ 20. What is an algorithm? *

1/1

- A) A software
- B) A language
- C) A step-by-step solution
- D) A virus



✓ 21. Which of these languages is statically typed? *

1/1

- A) Java
- B) Python
- C) JavaScript
- D) PHP



✓ 22. An interpreter: *

1/1

- A) Compiles code
- B) Executes line-by-line
- C) Converts machine language
- D) Formats hard disk



✓ 23. Which of these is an open-source programming language? *

1/1

- A) Visual Basic
- B) Python
- C) C#
- D) Swift

✓

✓ 24. Which is NOT a function of a text editor? *

1/1

- A) Writing code
- B) Editing code
- C) Compiling code
- D) Saving code

✓

✓ 25. Which of the following is a markup language? *

1/1

- A) Java
- B) HTML
- C) Python
- D) C++

✓

✓ 26. Which tool is used to design UI in Android? *

1/1

- A) Android Studio
- B) Eclipse
- C) NetBeans
- D) VS Code

✓

✓ 27. Which of the following is used in software design to show process flow? *1/1

- A) Class diagram
- B) ER diagram
- C) Flowchart
- D) Database

✓

✓ 28. The “if” statement is used in programming for: *

1/1

- A) Looping
- B) Decision-making
- C) Commenting
- D) Importing libraries

✓

✓ 29. JavaScript was developed for: *

1/1

- A) Backend development
- B) Game development
- C) Web interactivity
- D) Desktop apps

✓

✓ 30. Which of the following is NOT a characteristic of OOP? *

1/1

- A) Encapsulation
- B) Inheritance
- C) Compilation
- D) Polymorphism

✓

✓ 31. Which of these is NOT a design tool? *

1/1

- A) Sketch
- B) Figma
- C) MySQL
- D) Adobe XD

✓

✓ 32. Which symbol is used for comments in Python? *

1/1

- A) //
- B) /* */
- C) #
- D) <!-- -->

✓

✓ 33. Which is used to describe the layout of a web page? *

1/1

- A) Java
- B) SQL
- C) CSS
- D) C++

✓

✓ 34. SQL is used for: *

1/1

- A) Designing
- B) Styling
- C) Database
- D) Compiling

✓

✓ 35. Which language is used to structure content on the web? *

1/1

- A) CSS
- B) JavaScript
- C) HTML
- D) Python

✓

✓ 36. Which tool helps in version control? *

1/1

- A) Git
- B) Figma
- C) Sublime
- D) Word

✓

✓ 37. Bootstrap is a: *

1/1

- A) Programming language
- B) Framework
- C) Compiler
- D) OS

✓

✓ 38. Drag-and-drop interface is mainly found in: *

1/1

- A) Text editors
- B) GUI builders
- C) Compilers
- D) Terminals

✓

✓ 39. Which of the following is NOT a loop structure? *

1/1

- A) for
- B) while
- C) do-while
- D) switch

✓

✓ 40. The term “responsive design” refers to: *

1/1

- A) Speed of a website
- B) Mobile compatibility
- C) SEO
- D) Backend design

✓

✓ 41. In object-oriented programming, a class is: *

1/1

- A) An object
- B) A blueprint
- C) A function
- D) A compiler

✓

✓ 42. What is the use of the 'return' statement in a function? *

1/1

- A) Stop loop
- B) Exit program
- C) Send back value
- D) Pause function

✓

✓ 43. Visual Basic is developed by: *

1/1

- A) Oracle
- B) Apple
- C) Microsoft
- D) Sun

✓

✓ 44. Which is used for creating animation in web design? *

1/1

- A) Java
- B) CSS
- C) HTML
- D) SQL

✓

✓ 45. Which is an interpreted language? *

1/1

- A) C
- B) Java
- C) Python
- D) C++

✓

✓ 46. JavaScript can be used for: *

1/1

- A) Styling
- B) Scripting
- C) Structuring
- D) Designing

✓

✓ 47. Which of the following is a back-end programming language? *

1/1

- A) HTML
- B) CSS
- C) PHP
- D) Bootstrap



✓ 48. What is the full form of CSS? *

1/1

- A) Computer Style Sheet
- B) Cascading Style Sheet
- C) Color Style Sheet
- D) Creative Style Sheet



✓ 49. UML stands for: *

1/1

- A) Uniform Modeling Language
- B) Unified Markup Language
- C) Unified Modeling Language
- D) User Modeling Language



- A) Hosting images
- B) Running scripts
- C) Managing code repositories
- D) Writing documents



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