

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



✓ 50. GitHub is mainly used for: *

1/1

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



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