**Chapter-1**

1. **Which is/are translation program(s)?**

a) Compiler b) Generator c) Assembler d) Interpreter e) All of the Above

1. **Choose the correct answer.**
2. En error that occurs while a program is being executed called execution error.
3. ANSI stands for American National Standards
4. A computer can perform an arithmetic operations such as addition, subtraction, division, multiplication
5. The programming process is also called a problem solving process.
6. All of the above
7. **Which is/are true?**
8. CRT is not stands for cathode ray tube. c) CRT is stands for cathod ray tube.
9. CRT is stands for cathode ray tube. d) Both b & c
10. **Which activity must occur simultaneously with the other five activities?**

a) Defining the problem b) Documenting c) Coding the program

d) Preparing algorithm e) Debugging & testing

1. **What is bug?**

a) An error in a computer program. b) A debug in a computer program.

c) An error in a computer d) Virtual display term

1. Input b. output c. Terminal d. Process

**7. The programming process is -----------**

A) System-development process

B) Coding process

C) Testing process

D) Problem solving process

Answer: **D**

**8. A computer program is a means to end . Which of the following about “ the end” is true ?**

A) The end will normally be information needed to solve a problem.

B) The end will normally be input needed to solve the program.

C) The end will normally be process needed to solve the program.

D) None of the above.

Answer: **A**

**9. Which one is true?**

A) The programming process is a problem solving process.

B) The programming process is a data transformation process.

C) The programming process is a coding process.

D) The programming process is a problem defining process.

Answer: **A**

**10. In a programming process what the programmer must do carry out before moving from one activity to the next?**

A) Documenting procedure.

B) Model design activities.

C) Checking procedure.

D) Compilation.

Answer: **C**

**11. Which of the following is or are included the problem definition?**

A) Out put.

B) What the out look like.

C) Input.

D) Processing algorithm.

Answer**: A, B, C**

**12. In the problem definition which of the following do we use to describe the output that is to be printed?**

A) Print chart.

B) Display system layout sheet.

C) A record format form.

D) All of the above.

Answer: **A**

**13. In the problem definition which of the following do we use to describe the output that is to be displayed on VDT?**

A) Print chart.

B) Display system layout sheet.

C) A record format form.

D) All of the above.

Answer: **B**

**14. Who usually defines the problem to programmer?**

A) The system analyst.

B) The program manager.

C) The project manager.

D) A senior programmer.

Answer: **A**

**15. Which of the following defines an algorithm?**

A) It is a graphical representation of a program flow.

B) It is the documentation of program logic.

C) It is a list of sequence of steps required to solve the problem.

D) It is the actual program code.

Answer: **C**

**16. What is used to keep track of the number of times something occurs in a program?**

A) A loop.

B) A counter.

C) A decision construct.

D) None of the above.

Answer: **B**

**17. What do mean by in correcting?**

A) Squaring.

B) Adding one.

C) Subtracting one.

D) Setting initial value>

Answer: **B**

**18. What do we can an error that occurs while a program is being executed?**

A) Syntax error.

B) Logical error.

C) Execution-time error.

D) Bug.

Answer: **C**

**19. Which of the following procedure can you use to check an algorithm?**

A) Debugging by automated debugger.

B) Desk checking.

C) Inspection.

D) Consultation.

Answer: **B**

**20. Which of the following defines an algorithm?**

A) It is a symbolic representation an algorithm.

B) It is the documentation of program logic.

C) It is a list of the sequence of steps required to solve the problem.

D) It is the actual program code.

Answer: **C**

**21. What does the following notation mean?**

A counter <- 0

A) Destroying the memory location used by a counter.

B) Replacing the value currently in memory location used by a counter by the value zero.

C) Decrementing a counter.

D) Incrementing a counter.

Answer: **B**

**22. A source program written in a High-level language is translated into -------- using a special translator program?**

A) Object program.

B) Assembly program.

C) IL program.

D) Byte code.

Answer: **A**

**23. Violation of the rules of a particular programming language creates what?**

A) Syntax error.

B) Logical error.

C) Execution-time error

D) Bug.

Answer: **A**

**24. Which of the following are translator program?**

A) Complier.

B) Assembler

C) Generator

D) Interpreter

Answer: **A, B, C, D**

**25. During testing what type or types or error are eliminated?**

A. Syntax Error

B. Logic Error

C. Execution time error

D. None of the above

Answer: **A, B**

**26. A computer is a**

A. Software development environment

B. Code Editor

C. Translation program

D. System software

Answer: **C**

**27. Which of the following translation program or programs process the entire source program as a unit?**

A. Compiler

B. Generator

C. Assembler

D. Interpreter

Answer: **A, B, C**