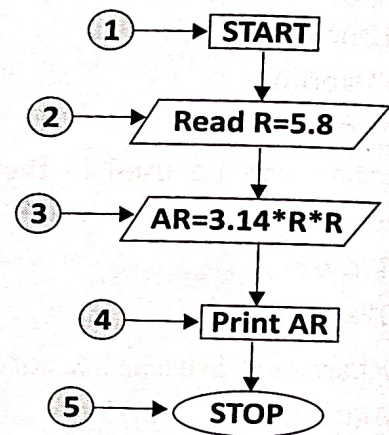## Exercise Question

1. Flow chart is drawn in the .... step of development of program.
   - (A) First
   - (B) Second
   - (C) Third
   - (D) Forth

2. Flow chart is a .... representation of program.
   - (A) Diagrammatic
   - (B) Paragraphed
   - (C) Tabular
   - (D) None of these

3. The shape of terminal box is ....
   - (A) Circular
   - (B) Rectangular
   - (C) Oval
   - (D) Square

4. How many arrows are coming out from decision box?
   - (A) 1
   - (B) 2
   - (C) 3
   - (D) No arrow comes out

5. Connectors are always used in pair.
   - (A) True
   - (B) False

6. The shape of the connector is
   - (A) Rectangular
   - (B) Oval
   - (C) Diamond
   - (D) None of these

7. Flow chart depict the solution...............
   - (A) Diagrammatically
   - (B) Physically
   - (C) Programmatically
   - (D) None of these

8. Flow chart is prepared so that program........ can be done efficiently.
   - (A) Documentation
   - (B) Coding
   - (C) Designing
   - (D) None of these

9. ....box is of parallelogram in shape.
   - (A) Connector
   - (B) Terminal
   - (C) Input-output
   - (D) None of these

10. The shape of the decision box is..................
   - (A) Oval
   - (B) Circular
   - (C) Diamond
   - (D) None of these

11. ....box is always having one arrow.
   - (A) Terminal box
   - (B) Connector
   - (C) Both A and B
   - (D) None of these

12. Flow chart is a tabular representation of a program.
   - (A) True
   - (B) False

13. Pictorial representation of...............is called Flowchart.
   - (A) Language
   - (B) Network
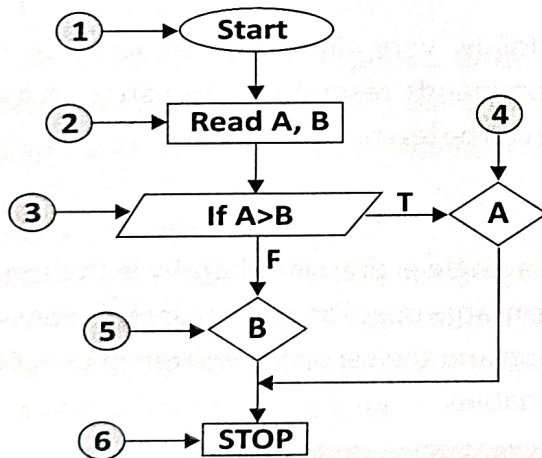   - (C) Logic
   - (D) None of these

14. A Flowchart of a program makes program development ....
    (A) Manual   (B) Automated
    (C) Easier   (D) None of these

15. Flowchart also helps in .... an existing program.
    (A) Understanding
    (B) Modifying
    (C) Debugging
    (D) None of these

16. The symbols used in the flowchart are
    (A) Standardized
    (B) Not standardized
    (C) Optional
    (D) not-optional

17. Developers generally prefer to write .... before flowchart.
    (A) Reports
    (B) Documentation
    (C) Algorithm
    (D) None of these

18. Flowchart can be used in the program debugging.
    (A) True
    (B) False

19. Flowchart is just like .... of a house.
    (A) Kitchen   (B) Store
    (C) Blue print   (D) Black print

20. Terminal box is used to show
    (A) Start
    (B) Stop
    (C) Both start and stop
    (D) None of these

21. The oval shape box can be used to show
    (A) Beginning of flowchart
    (B) Condition
    (C) Process
    (D) None of these

22. There are three arrows connected to decision box.
    (A) True
    (B) False

23. Which of the following box can be used to show process in flowchart?
    (A) parallelogram
    (B) Oval
    (C) Rectangle
    (D) None of these

24. Which of the following key word is written in the oval shaped box?
    (A) START   (B) READ
    (C) PRINT   (D) None of these

25. In which box, the key word STOP is written.
    (A) Oval
    (B) Diamond
    (C) Rectangle
    (D) None of these

26. The parallelogram can be used to show.
    (A) Beginning of flowchart
    (B) Condition
    (C) Process
    (D) None of these

27. Which of the following box can be used to show input in flowchart.
    (A) Parallelogram   (B) Oval
    (C) Rectangle   (D) None of these

28. Which of the following key word is written in the oval shaped box?
    (A) READ   (B) PRINT
    (C) STOP   (D) None of these

29. Expression or equation or a formula is written in ....box.
    (A) Terminal
    (B) Process
    (C) Formula
    (D) Expression

30. Process box is a shape of rectangle.
    (A) True   (B) False

31. Which keyword is used in input-output box
    (A) READ   (B) PRINT
    (C) Both A and B   (D) None of these

32. We cannot write condition in............box.
    (A) Oval shape box
    (B) Parallelogram
    (C) Rectangle box
    (D) All of these

33. The diamond shape box is called
    (A) Decision box
    (B) Terminal box
    (C) Process box
    (D) None of these

34. The word PRINT is used in process box.
    (A) True   (B) False

35. The box which has two arrows going out from it, is
    (A) Decision box
    (B) Terminal box
    (C) I/O box
    (D) None of these

36. Which of the following is used to link two parts of a flowchart together?
    (A) Connectors   (B) Join box
    (C) Terminal box   (D) None of these

37. Which box is always used in pair?
    (A) Terminal box   (B) Connector
    (C) Decision box   (D) None of these

38. Diamond shape box contains a condition.
    (A) True   (B) False

39. Which is not True about flowchart?
    (A) Flowchart is a diagrammatic representation of sets of solution.
    (B) Diamond shape box is decision box.
    (C) Shape of a connector is circular.
    (D) None of these

Consider the flowchart given below and answer the question carefully.

① → START
② → Read R=5.8
③ → AR=3.14*R*R
④ → Print AR
⑤ → STOP

40. What is the error in step 1?
    (A) START is written in the wrong box
    (B) START should not be written here
    (C) Flowchart never start with START
    (D) None of these

41. What is the error in step 2?
    (A) For assigning value to a variable keyword READ is used.
    (B) Parallelogram is used to assign value.
    (C) Both a and b
    (D) None of these

42. What is the error in step 3?
    (A) Variables used are wrong
    (B) Parallelogram is used to write formula
    (C) Formula for area of circle is wrong
    (D) None of these

43. What is the error in step 4?
    (A) Keyword print is wrongly used to display result.
    (B) Wrong variable is used.
    (C) Rectangle box is used to display result
    (D) None of these

44. What is the error in step5?
    (A) Terminal box is wrong.
    (B) Flowchart is never end with STOP
    (C) Oval shape box is wrong
    (D) No Error

45. There is no error in step 1
    (A) TRUE
    (B) False

46. What is the error in step 2?
    (A) Box used is wrong for input.
    (B) Keyword READ is wrongly used.
    (C) There must be three variables.
    (D) None of these

47. What is the error in step 3?
    (A) Condition is wrong
    (B) The keyword IF is wrong
    (C) Condition is written in wrong box
    (D) None of these

48. What is the error in step 4?
    (A) Keyword PRINT is not used in the box
    (B) Diamond shape box is used to print result
    (C) There are only two arrows in the box
    (D) None of these

49. What is the error in step 5?
    (A) There are only two arrows in the box
    (B) keyword PRINT is not used in the box.
    (C) Box used is wrong
    (D) None of these

50. What is the error in step 6?
    (A) STOP is written in process box
    (B) Keyword STOP is wrong.
    (C) There is no error in the step
    (D) None of these