CCAT FULL MOCK TEST (90 Minutes)

Instructions:
• Total Questions: 50
• Time: 90 Minutes
• All questions are MCQ
• No negative marking (assumed)
• Attempt all questions

SECTION A – APTITUDE & ENGLISH (1–25)

1. Choose correct sentence:
A. He don't like coffee.
B. He doesn't like coffee.
C. He didn't liked coffee.
D. He not like coffee.

2. Antonym of "Scarce":
A. Rare B. Plenty C. Empty D. Few

3. 20% of 550 = ?
A. 100 B. 110 C. 120 D. 130

4. Average of first 20 natural numbers = ?
A. 9.5 B. 10 C. 10.5 D. 11

5. Choose correct spelling:
A. Seperate B. Separate C. Separete D. Separrate

6. If $x - 5 = 20$, $x = ?$
A. 20 B. 25 C. 30 D. 35

7. Find odd one out:
A. Apple B. Banana C. Potato D. Mango

8. Simple Interest on ■4000 at 5% for 2 years:
A. 300 B. 350 C. 400 D. 450

9. Choose correct preposition:
She is good ___ drawing.
A. at B. in C. on D. with

10. Train runs at 54 km/h. Distance in 40 min?
A. 30 B. 32 C. 36 D. 40

11. Series: 3, 6, 12, 24, ?
A. 36 B. 42 C. 48 D. 54

12. Choose correct article: ___ university
A. A B. An C. The D. No article

13. Ratio of 4:5 equals:
A. 0.6 B. 0.7 C. 0.8 D. 0.9

14. Choose synonym of "Assist":
A. Help B. Delay C. Avoid D. Stop

15. Choose noun:
A. Quickly B. Honest C. Honesty D. Fast

16. If 15 men do work in 20 days, 10 men will take:
A. 25 B. 30 C. 35 D. 40

17. Choose correct tense:
She ___ the exam yesterday.
A. write B. writes C. wrote D. writing

18. 35% of 200 = ?
A. 60 B. 70 C. 75 D. 80

19. Odd one out:
A. Pen B. Pencil C. Chalk D. Paper

20. Choose correct passive:
They are painting the wall.
A. Wall painted.
B. Wall is painted.
C. Wall is being painted.
D. Wall has painted.

21. Find missing number: 2, 4, 8, 16, ?
A. 24 B. 28 C. 32 D. 36

22. Choose correct word:
A. Principle B. Principal C. Both D. None

23. 45 km covered in 1.5 hr. Speed?
A. 20 B. 25 C. 30 D. 35

24. Choose correct preposition:
He is afraid ___ heights.
A. of B. from C. with D. by

25. SI formula is:
A. PRT/100 B. PR/T C. P+RT D. PT/R

SECTION B – PROGRAMMING & LOGIC (26–50)

26. Size of int in C (32-bit)?
A. 2 B. 4 C. 6 D. 8

27. Which loop executes at least once?
A. for B. while C. do-while D. if

28. Output of printf("%d", 7/2);
A. 3 B. 3.5 C. 4 D. Error

29. Which operator accesses pointer value?
A. & B. * C. -> D. .

30. Which is not data structure?
A. Array B. Stack C. Tree D. Compiler

31. FIFO is used in:
A. Stack B. Queue C. Tree D. Graph

32. Time complexity of linear search?
A. O(1) B. O(log n) C. O(n) D. O(n²)

33. Which sorting is fastest on average?
A. Bubble B. Selection C. Quick D. Insertion

34. Which is non-linear DS?
A. Array B. Stack C. Tree D. Queue

35. Recursion uses which memory?
A. Heap B. Stack C. Queue D. Array

36. Which DS uses LIFO?
A. Queue B. Stack C. Tree D. Graph

37. Binary search works on:
A. Sorted array B. Unsorted array C. Stack D. Queue

38. Worst case of bubble sort?
A. O(n) B. O(n log n) C. O(n²) D. O(1)

39. Which DS stores key-value pairs?
A. Stack B. Queue C. Hash table D. Array

40. What is malloc used for?
A. Input B. Output C. Memory allocation D. Loop

41. Which is not a loop?
A. for B. while C. repeat D. do-while

42. In C, array index starts from?
A. 1 B. 0 C. -1 D. Depends

43. Which is faster searching technique?
A. Linear B. Binary C. Sequential D. Random

44. DFS uses which structure?
A. Queue B. Stack C. Array D. List

45. Which is not OOPS concept?
A. Inheritance B. Encapsulation C. Compilation D. Polymorphism

46. Stack overflow occurs when:
A. Stack empty B. Stack full C. Heap full D. Memory free

47. Which sorting uses divide and conquer?
A. Bubble B. Merge C. Insertion D. Selection

48. Which DS allows dynamic memory allocation?
A. Array B. Stack C. Linked List D. Queue

49. Which traversal uses queue?
A. DFS B. BFS C. Inorder D. Preorder

50. Full form of CPU:
A. Central Processing Unit
B. Control Processing Unit
C. Central Program Unit
D. Control Program Unit