Practice Test 1 Answer Section

MULTIPLE CHOICE

1. ANS: A PTS: 1 TOP: Declaring Arrays 2. ANS: A PTS: 1 TOP: Declaring Arrays 3. ANS: A PTS: 1 TOP: Declaring Arrays 4. ANS: D PTS: 1 TOP: Declaring Arrays 5. ANS: B PTS: 1 TOP: Using Arrays 6. ANS: D PTS: 1 TOP: Using Arrays 7. ANS: D PTS: 1 TOP: Using Arrays 8. ANS: B PTS: 1 TOP: Characters and Arrays 9. ANS: B PTS: 1 TOP: Characters and Arrays 10. ANS: B PTS: 1 TOP: Characters and Arrays 11. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 14. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 15. ANS: C PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Recursion 17. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PT
3. ANS: A PTS: 1 TOP: Declaring Arrays 4. ANS: D PTS: 1 TOP: Declaring Arrays 5. ANS: B PTS: 1 TOP: Using Arrays 6. ANS: D PTS: 1 TOP: Using Arrays 7. ANS: D PTS: 1 TOP: Arrays with Meaningful Indexes 8. ANS: B PTS: 1 TOP: Characters and Arrays 9. ANS: B PTS: 1 TOP: Characters and Arrays 10. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 11. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Selection Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 20. ANS: D PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Mergesort Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS:
4. ANS: D PTS: 1 TOP: Declaring Arrays 5. ANS: B PTS: 1 TOP: Using Arrays 6. ANS: D PTS: 1 TOP: Using Arrays 7. ANS: D PTS: 1 TOP: Using Arrays 8. ANS: B PTS: 1 TOP: Arrays with Meaningful Indexes 8. ANS: B PTS: 1 TOP: Characters and Arrays 9. ANS: B PTS: 1 TOP: Characters and Arrays 10. ANS: B PTS: 1 TOP: Characters and Arrays 11. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Insertion Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Recursion 19. ANS: C PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Binary Search 26. ANS: D PTS: 1 TOP: Binary Search 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: Binary Search
5. ANS: B PTS: 1 TOP: Using Arrays 6. ANS: D PTS: 1 TOP: Using Arrays 7. ANS: D PTS: 1 TOP: Arrays with Meaningful Indexes 8. ANS: B PTS: 1 TOP: Characters and Arrays 9. ANS: B PTS: 1 TOP: Characters and Arrays 10. ANS: B PTS: 1 TOP: Characters and Arrays 11. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Selection Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1
6. ANS: D PTS: 1 TOP: Using Arrays 7. ANS: D PTS: 1 TOP: Arrays with Meaningful Indexes 8. ANS: B PTS: 1 TOP: Characters and Arrays 9. ANS: B PTS: 1 TOP: Characters and Arrays 10. ANS: B PTS: 1 TOP: Characters and Arrays 11. ANS: B PTS: 1 TOP: Characters and Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 14. ANS: A PTS: 1 TOP: The ArrayList Class 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: C PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: Binary Search
7. ANS: D PTS: 1 TOP: Arrays with Meaningful Indexes 8. ANS: B PTS: 1 TOP: Characters and Arrays 9. ANS: B PTS: 1 TOP: Characters and Arrays 10. ANS: B PTS: 1 TOP: Characters and Arrays 11. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 14. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 15. ANS: C PTS: 1 TOP: The ArrayList Class 16. ANS: B PTS: 1 TOP: Selection Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Insertion Sort 18. ANS: C PTS: 1 TOP: Mergesort 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C <t< td=""></t<>
8. ANS: B PTS: 1 TOP: Characters and Arrays 9. ANS: B PTS: 1 TOP: Characters and Arrays 10. ANS: B PTS: 1 TOP: Characters and Arrays 11. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Selection Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Binary Search 26. ANS: D PTS: 1 TOP: Binary Search 27. ANS: C PTS: 1 TOP: Binary Sea
9. ANS: B
10. ANS: B PTS: 1 TOP: Characters and Arrays 11. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Selection Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Mergesort Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Mergesort Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Binary Search 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1
11. ANS: B PTS: 1 TOP: Two-Dimensional Arrays 12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Selection Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Mergesort Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Mergesort Binary Search 25. ANS: C PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
12. ANS: A PTS: 1 TOP: Two-Dimensional Arrays 13. ANS: A PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Selection Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
13. ANS: A PTS: 1 TOP: The ArrayList Class 14. ANS: A PTS: 1 TOP: Selection Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Mergesort Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
14. ANS: A PTS: 1 TOP: Selection Sort 15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Mergesort Binary Search 21. ANS: C PTS: 1 TOP: Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
15. ANS: C PTS: 1 TOP: Insertion Sort 16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Mergesort Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
16. ANS: B PTS: 1 TOP: Insertion Sort 17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Mergesort Binary Search 21. ANS: C PTS: 1 TOP: Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
17. ANS: C PTS: 1 TOP: Mergesort 18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Mergesort Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
18. ANS: C PTS: 1 TOP: Recursion 19. ANS: D PTS: 1 TOP: Recursion 20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Mergesort Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
19. ANS: D 20. ANS: C 21. ANS: C 22. ANS: B 23. ANS: A 24. ANS: C 25. ANS: C 26. ANS: D 27. ANS: C 27. ANS: C 28. ANS: C 29. ANS: B 29. ANS: C 20. ANS: D 20. ANS: A 21. TOP: Recursion 21. TOP: Recursion 22. ANS: B 23. ANS: B 24. ANS: C 25. ANS: C 26. ANS: C 27. ANS: C 28. ANS: C 29. ANS: C 29. ANS: B 20. ANS: C 20. ANS: C 20. ANS: C 21. TOP: Recursion 20. ANS: D 20. ANS: D 21. TOP: Binary Search 21. TOP: Binary Search 22. ANS: C 23. ANS: C 24. ANS: C 25. ANS: C 26. ANS: D 27. ANS: C 28. ANS: C 29. ANS: B 29. ANS: B 20. ANS: C 20. TOP: The Stack Data Structure 20. ANS: C 21. TOP: The Stack Class
20. ANS: C PTS: 1 TOP: Recursion 21. ANS: C PTS: 1 TOP: Mergesort Binary Search 22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: Binary Search 29. ANS: C PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
21.ANS:CPTS:1TOP:Mergesort Binary Search22.ANS:BPTS:1TOP:Binary Search23.ANS:APTS:1TOP:Binary Search24.ANS:CPTS:1TOP:Mergesort Binary Search25.ANS:CPTS:1TOP:Algorithm Analysis26.ANS:DPTS:1TOP:Binary Search27.ANS:CPTS:1TOP:Binary Search28.ANS:CPTS:1TOP:Binary Search29.ANS:BPTS:1TOP:The Stack Data Structure30.ANS:CPTS:1TOP:The Stack Class
22. ANS: B PTS: 1 TOP: Binary Search 23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
23. ANS: A PTS: 1 TOP: Binary Search 24. ANS: C PTS: 1 TOP: Binary Search 25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
24. ANS: CPTS: 1TOP: Binary Search25. ANS: CPTS: 1TOP: Mergesort Binary Search26. ANS: DPTS: 1TOP: Algorithm Analysis27. ANS: CPTS: 1TOP: Binary Search28. ANS: CPTS: 1TOP: Binary Search29. ANS: BPTS: 1TOP: The Stack Data Structure30. ANS: CPTS: 1TOP: The Stack Class
25. ANS: C PTS: 1 TOP: Mergesort Binary Search 26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
26. ANS: D PTS: 1 TOP: Algorithm Analysis 27. ANS: C PTS: 1 TOP: Binary Search 28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
27. ANS: CPTS: 1TOP: Binary Search28. ANS: CPTS: 1TOP: Binary Search29. ANS: BPTS: 1TOP: The Stack Data Structure30. ANS: CPTS: 1TOP: The Stack Class
28. ANS: C PTS: 1 TOP: Binary Search 29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
29. ANS: B PTS: 1 TOP: The Stack Data Structure 30. ANS: C PTS: 1 TOP: The Stack Class
30. ANS: C PTS: 1 TOP: The Stack Class
31. ANS: D PTS: 1 TOP: The Queue Data Structure
32. ANS: C PTS: 1 TOP: The Stack Data Structure The Queue Data Structure
33. ANS: A PTS: 1 TOP: The Queue Class
34. ANS: B PTS: 1 TOP: The Queue Class
35. ANS: C PTS: 1 TOP: The Linked List Data Structure
36. ANS: D PTS: 1 TOP: The Linked List Class
37. ANS: D PTS: 1 TOP: The Linked List Data Structure
38. ANS: D PTS: 1 TOP: The Linked List Data Structure
39. ANS: C PTS: 1 TOP: The Linked List Data Structure
40. ANS: B PTS: 1 TOP: The Queue Data Structure