

1. Ans. (a) 2. Ans. (c) 3. Ans. (a) 4. Ans. (a) 5. Ans. (b) 6. Ans. (a) 7. Ans. (d) 8. Ans. (b) 9. Ans. (e) 10. Ans. (b) 11. Ans. (b) 12. Ans. (d)
13. Ans. He was walking alone in the scorching heat of a summer day.
14. Ans. The truck driver's son was taken to the school by him.
15. Ans. It's raining cats and dogs outside.
16. Ans. (a) Solution: $15*15*15 = 3375$.
17. Ans. (a) Solution: $5x*7x = 560$; $x = 4$. $7x-5x=2x=8$
18. Ans. (c) Solution: Rajani ---→ [Reshma, Ragini..... Ramani] -----→ [Soni, Saloni]
19. Ans. (a) Solution: $(2x - 5) (x + 5) - 2x*x = 75$. $x = 20$
20. Ans. (d) Solution: Given $F = 3D$, $M = 2S$, $F - M = 9$ & $S - D = 7$. Thus $M = F - 9 = 3D - 9 = 3(S - 7) - 9 = 3S - 30 = 3/2*M - 30 \Rightarrow M = 60$.
21. Ans. (a) Solution: Rest in his hand = $1 - 2/3 - 1/3*1/4 = 1/4 = 6000$; hence, for transport = 2000.
22. Ans. (a) Solution: The interval is alternatively 1 and 6.
23. Ans. (c) From (I) we get $(J + 15) = 2*(D + 15)$. Two variables and one equation it can't be solved alone. From (II) we get $D = 5$. Using (I) and (II) we can get an answer.
24. Ans. (d) Since the directions of the distances are not given hence both are insufficient.
25. Ans. (a) Solution: $8 + 4*2 + 2*2 + 1*2 + 0.5*2 + 0.25*2 + \dots = \text{approx } 24$.
26. Ans. (c) Solution: The arrangement is :

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| E | D | B | A | C | F |
27. Ans. (d) Solution: Dog 4 Hare 5
 Dog 3 Hare 4 Hence, the ratio is 16:15
28. Ans. (b) Solution: Because, Only Hrithik and Maniratnam pair is only available for Amitabh.
29. Ans. (c) Solution: Because, A and B both are related with R.
30. Ans. (a) Solution: $(x + x+2 + x+4 + x+6) / 4 = 27$; $\Rightarrow 4x + 12 = 108$; $\Rightarrow x = 96/4 = 24$. Hence, the highest number is 30.
31. Ans. (c) Solution: FCFS
32. Ans. (c) Solution: Uplinking and Downlinking both.
33. Ans. (a) Solution: Left justifying a string
34. Ans. (a) Solution: Quick Sort
35. Ans. (c) Solution: Decisions
36. Ans. (d) Solution: Reallocation and Allocation both
37. Ans. (b) Solution: Deadlock Avoidance
38. Ans. (a) Solution: The pages, belonging to the working set of the programs, are in main memory
39. Ans. (b) Solution: Simplex Channels
40. Ans. (d) Solution: Data Flow Diagrams
41. Ans. (a) Solution: To detect problems in protocols
42. Ans. (d) Solution: All of the above
43. Ans. (a) Solution: Cache Memory
44. Ans. (d) Solution: All of the above
45. Ans. (a) Solution: FIFO
46. Ans. (d) Solution: All of the above
47. Ans. (b)
48. Ans. (a) Solution: $2k/9$
49. Ans. (b) Solution: 9
50. Ans. (a) Solution: Address Lines

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