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2007, OUTRAM LINES, 1ST FLOOR, NEAR GTB NAGAR METRO STATION, GATE NO. - 2, DELHI-110009

Answer-key & Solution

SSC JE (CIVIL)
Practice Set-3

1. B	26. D	51. C	76. B	101. C	126. B	151. D	176. A
2. B	27. A	52. D	77. C	102. B	127. A	152. B	177. D
3. B	28. A	53. B	78. C	103. C	128. A	153. C	178. D
4. B	29. A	54. B	79. D	104. C	129. C	154. B	179. A
5. C	30. B	55. A	80. A	105. B	130. A	155. B	180. D
6. C	31. C	56. C	81. D	106. B	131. B	156. B	181. A
7. D	32. B	57. D	82. C	107. B	132. D	157. D	182. D
8. C	33. D	58. D	83. C	108. A	133. D	158. B	183. D
9. A	34. C	59. D	84. D	109. B	134. B	159. B	184. D
10. A	35. B	60. C	85. C	110. D	135. D	160. A	185. D
11. B	36. D	61. D	86. D	111. D	136. A	161. C	186. D
12. D	37. C	62. C	87. A	112. A	137. B	162. B	187. C
13. C	38. D	63. A	88. C	113. B	138. A	163. B	188. A
14. B	39. D	64. C	89. B	114. B	139. C	164. D	189. A
15. B	40. D	65. D	90. B	115. C	140. D	165. A	190. B
16. A	41. C	66. B	91. B	116. C	141. D	166. A	191. D
17. D	42. C	67. C	92. C	117. B	142. A&D	167. C	192. A
18. B	43. D	68. D	93. A	118. C	143. A	168. A	193. A
19. A	44. D	69. B	94. A	119. A	144. D	169. A	194. D
20. D	45. C	70. A	95. D	120. B	145. D	170. D	195. A
21. B	46. C	71. D	96. D	121. B	146. C	171. D	196. D
22. C	47. C	72. D	97. D	122. D	147. A	172. C	197. D
23. A	48. B	73. D	98. D	123. A	148. B	173. A	198. D
24. B	49. B	74. A	99. D	124. D	149. D	174. C	199. D
25. C	50. B	75. C	100. B	125. A	150. C	175. C	200. D

Note : *If your opinion differ regarding any answer, please message the mock test and Question number to 9560620353*

Note : *If you face any problem regarding result or marks scored, please contact : 9313111777*

$$40 + 12 \div 3 \times 6 - 60 = 40 + 4 \times 6 - 60$$

$$= 40 + 24 - 60 = 4.$$

33. (D) The correct order is :

Tree Branch Leaves Flower Fruit
4 2 1 3 5

34. (C) Number of dots on the top faces of the dice (II), (IV) and (VI) are 1, 1 and 1 respectively.

Number of dots on the top faces of the dice (I), (III) and (V) are 5, 5 and 3 respectively.

$$\text{Number of dots on top faces} = 5 + 5 + 3 + 1 + 1 + 1 = 16$$

35. (B) On interchanging $-$ and \div , we have the equation as

$$5 + 3 \times 8 \div 12 - 4 = 3$$

$$\text{or } 5 + 3 \times 2/3 - 4 = 3$$

$$\text{or } 3 = 3, \text{ which is true.}$$

36. (D) Total runs scored = $(36 \times 5) = 180$.

Let the runs scored by E be x .

Then, runs scored by D = $x + 5$

Runs scored by A = $x + 8$

Runs scored by B = $x + x + 5 = 2x + 5$

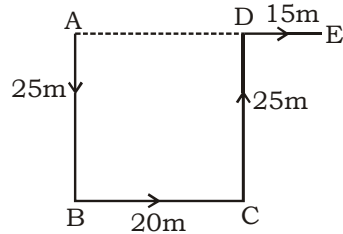
Runs scored by C = $(107 - B)$

$$= 107 - (2x + 5) = 102 - 2x.$$

$$\therefore \text{Total runs} = (x + 8) + (2x + 5) + (102 - 2x) + (x + 5) + x = 3x + 120.$$

$$\therefore 3x + 120 = 180 \Rightarrow 3x = 60 \Rightarrow x = 20.$$

37. (C)



The movements of Rohit are shown in figure.

Rohit's distance from the starting point A = AE = AD + DE = 20 + 15 = 35 metres

The direction with reference to the starting point is east

38. (D) Blood Relation Analysis :

Father of my daughter's Father = Deepak's Father

Brother of Deepak's father = Deepak's Uncle

39. (D) 3 6 4 9 2 and 0 5 8

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
S M I L E R U N

Similarly,

2 9 4 5 6 3
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
E L I U M S

40. (D) Series 1: 5, 7, 10, 14

Series 2: 6, 8, 11, ...

In series 2 pattern is +2, +3, Next will be +4
So required number in the series will be 11+4 = 15

41. (C) The series is bbccaa / ccaabb / aabbcc.

42. (C) Series 1 : 8, 7, 6, (...)

Series 2 : 9, 10, 11, 12

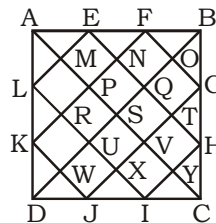
Series 3 : 8, 9, 10

In series 1 pattern the every number is decreasing by 1.

So, missing term = 6 - 1 = 5

43. (D) All the letters of each term are moved five steps forward to obtain the corresponding letters of the next term.

47. (C) The figure may be labeled as shown.



The simplest triangles are AML, LRK, KWD, DWJ, JXI, IYC, CYH, HTG, GOB, BOF, FNE and EMA i.e. 12 in number.

Triangles composed of two components each are AEL, KDJ, HIC and FBG i.e. 4 in number.

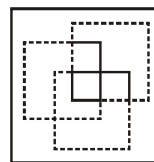
Triangles composed of three components each are APF, EQB, BQH, GVC, CVJ, IUD, DUL and KPA i.e. 8 in number.

Triangles composed of six components each are ASB, BSG, CSD, DSA, AKF, EBH, GGJ and IDL i.e. 8 in number.

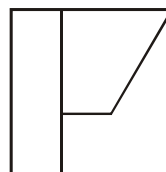
Triangles composed of twelve components each are ADB, ABC, BCD and CDA i.e. 4 in number.

Total number of triangles in the figure = 12 + 4 + 8 + 8 + 4 = 36.

48. (B)



49. (B)



50. (B)