

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

Answer-key & Solution

SSC JE (MECH)
Practice Set-18

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

Note : *If your opinion differ regarding any answer, please message the mock test and Question number to 8375805483*

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

25. (B) $P + Q \rightarrow$ P is the brother of Q.
 $P \times Q \rightarrow$ P is the mother of Q.
 $P \div Q \rightarrow$ P is sister of Q.

26. (C)

	A	B	C	D	E
Green covers	x	√	√	x	√
Yellow covers	√	x	x	√	x
New volumes	√	√	x	√	x
Old volumes	x	x	√	x	√
Law reports	√	√	√	x	x
Gazetteers	x	x	x	√	√

27. (D) Amar
 Nitin
 Keshav
 Vijay
 Kishan

28. (A) PREY, PERY

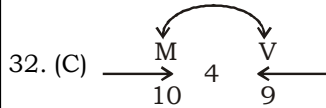
29. (D) S T R E A M L I N E
 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
 1 2 3 4 5 6 7 8 9 10
 T E a m / MEAT

30. (A) + means >
 - means ≥
 | means <
 φ means ≤
 × means =
 □ means ≠

then $x \neq y > z$ may give
(A) $x > y \neq z$
 (B) $x = y < z$
 (C) $x \neq y \leq z$
 (D) $x \geq y \leq z$

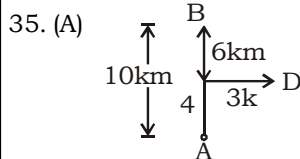
Hence; (A) is our answer.

31. (C) (A) MONDAY (B) FRIDAY
 (C) HOLIDAY (D) WEDNESDAY



Total girls = $10 + 4 + 9 = 23$

33. (A) $8 \times 4 + 6 \div 3 - 4$
 $8 \times 4 + 2 - 4$
 $32 + 2 - 4$
 $34 - 4 = 30$
34. (D) $14 \times 3 - 12 + 4 \div 2$
 $14 \times 3 - 12 + 2$
 $42 - 12 + 2$
 $44 - 12 = 32$



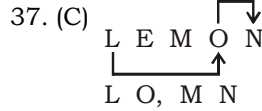
Required distance and direction

$$AD = \sqrt{AC^2 + AB^2}$$

$$= \sqrt{4^2 + 3^2} = \sqrt{16 + 9}$$

$$= 5 \text{ km North-east}$$

36. (D)

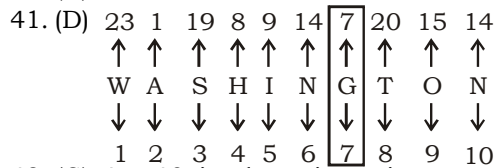


38. (A) S T A B L E and L A B O U R
 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
 1 2 3 4 5 6 5 3 4 7 8 9
 then,

B O T T L E
 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
 4 7 2 2 5 6

39. (B) $8 \div 4 \times 2 + 5 - 3$
 $2 \times 2 + 5 - 3$
 $4 + 5 - 3$
 $9 - 3 = 6$

40. (C) Factor of 7



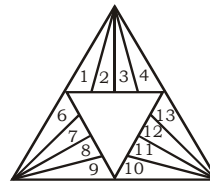
42. (C) 4 : 40 is the mirror image of 7 : 20.
 Therefore she is on time.

43. (C) Sum of first-15 +ve whole numbers
 $= \frac{15 \times 16}{2} = 120$

Their average = $\frac{120}{15} = 8$

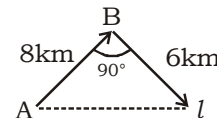
44. (D)

45. (A)



These are triangles in the given figures
 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
 (1, 2), (2, 3), (3, 4), (6, 7), (7, 8), (8, 9),
 (10, 11), (11, 12), (12, 13), (1, 2, 3), (2, 3, 4)
 (6, 7, 8), (10, 11, 12), (11, 12, 13), (1 to 4),
 (6 to 9), (10 to 13) and (1 - 13)

46. (D)



Required distance $a = \sqrt{AB^2 + AC^2}$
 $= \sqrt{8^2 + 6^2} = \sqrt{64 + 36}$
 $= \sqrt{100} = 10 \text{ km}$