



KD Campus Pvt. Ltd

2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

Answer-key & Solution

SSC JE (Mechanical)
MOCK -(91)
Date 01.04.2017

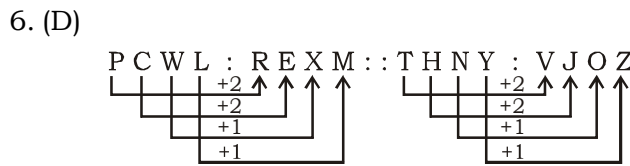
1. D	26. C	51. A	76. A	101. C	126. C	151. C	176. C
2. C	27. B	52. D	77. D	102. D	127. B	152. D	177. D
3. D	28. A	53. B	78. A	103. C	128. A	153. C	178. B
4. A	29. A	54. B	79. C	104. C	129. A	154. D	179. A
5. B	30. C	55. A	80. B	105. C	130. B	155. D	180. A
6. D	31. B	56. C	81. B	106. B	131. B	156. C	181.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

SOLUTION SSC JE (Mechanical) MOCK TEST no. 91

1. (D) Lira was the currency of Italy and Taka is the currency of Bangladesh.
2. (C) Music is based on Tune and Design is based on Architecture.
3. (D) Laugh is related to Joke and Explode is related cracker.
4. (A) President is the highest designation in India and King is the highest designation in England.
5. (B) The smallest unit of light is rays and sound is waves.

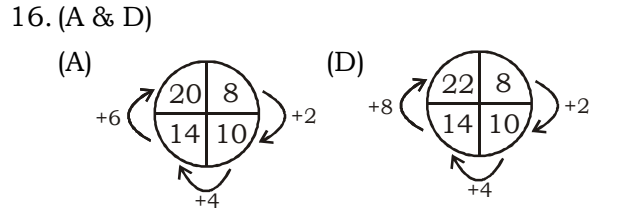


7. (C) $80 : 730 :: 48 : 344$
 $9^2-1 \quad 9^3+1 \quad 7^2-1 \quad 7^3+1$
8. (A) $130 : 154 :: 178 : 202$
 $+24 \quad +24$
9. (A) $60 : 36 :: 100 : 100$
 $(60 \div 10)^2 = (6)^2 \quad (100 \div 10)^2 = (10)^2$

10. (A) Ist is covered by the IInd except in option 'A'.
11. (B) IInd is the plae of gathering for Ist, except in option 'B'
12. (A) (A) B F J Q (B) R U Z G
 $+4 \uparrow +4 \uparrow +6 \uparrow \quad +3 \uparrow +5 \uparrow +7 \uparrow$
 (C) G J O V (D) I L Q X
 $+3 \uparrow +5 \uparrow +7 \uparrow \quad +3 \uparrow +5 \uparrow +7 \uparrow$
13. (C) (A) G E C A (B) P N L J
 $-2 \uparrow -2 \uparrow -2 \uparrow \quad -2 \uparrow -2 \uparrow -2 \uparrow$
 (C) V U S Q (D) T R P N
 $-1 \uparrow -2 \uparrow -2 \uparrow \quad -2 \uparrow -2 \uparrow -2 \uparrow$

14. (B) The Ist number is three times the IInd number but in option B, the Ist number is four times of the IInd number.

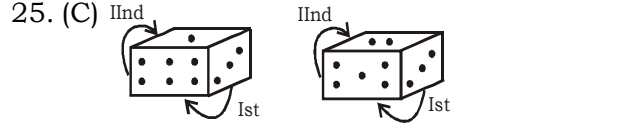
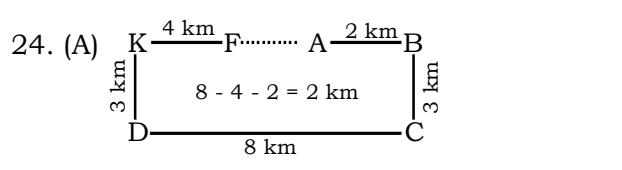
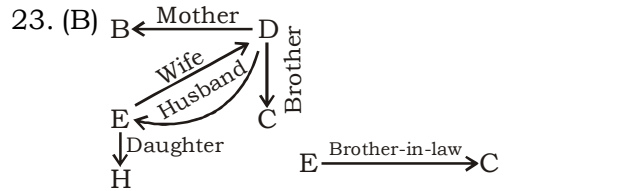
15. (D) All are squares of a number except 210



17. (D) $2 \times 5 \times 1 = 10$
 $7 \times 2 \times 3 = 42$
 $4 \times 3 \times 6 = 72$

18. (C) $1 \times 2 \times 6 = 12$
 $2 \times 3 \times 10 = 60$
 $3 \times 4 \times 14 = 168$
19. (A) $\begin{bmatrix} 2 & 3 & 1 \\ 1 & 2 & -1 \\ 3 & 4 & ? \end{bmatrix} \rightarrow \begin{matrix} 2^2-3=1 \\ 1^2-2=-1 \\ 3^2-4=5 \end{matrix}$

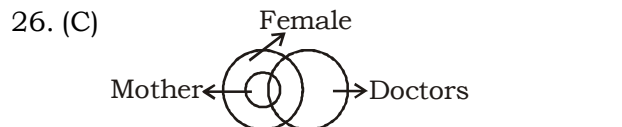
20. (D) H is missing in the given word.
21. (D)
22. (D) Ist ← A ← IInd ← D ← IIIrd ← IVth ← B ← E



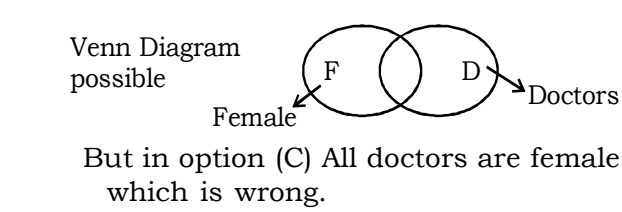
Move clockwise from common number, then write Ist & IInd step in both situation

	Ist	IInd
3	6	1
3	5	2

Ist opp. to Ist
IInd opp. to IInd



27. (C) Here in statments → Some ladies are doctors.



28. (A)
29. (A)
30. (C) mbb/maa/mbb/maa/mbb
31. (B) C O N S T A B L E = 91
 $3+15+14+19+20+1+2+12+5 = 91$

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S T A B L E = 59
 $19+20+1+2+12+5 = 59$

32. (C) Word → B O D Y
 ↓ -1 ↓ +1 ↓ -1 ↓ +1
 Code → A P C Z

Word → D E L H I
 -1 +1 -1 +1 -1
 Code → **C F K I H**

33. (A) $17 - 8 = 9$ th letter from the right.
 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 1st ←-----→ 8th letter to the J
 ←-----→
 17th from right end

34. (D)
 1 2 8 33 148 ?
 $\times 1+1$ $\times 2+4$ $\times 3+9$ $\times 4+16$ $\times 5+25$
 $\times 1+(1)^2$ $\times 2+(2)^2$ $\times 3+(3)^2$ $\times 4+(4)^2$ $\times 5+(5)^2$

$148 \times 5 = 740$
 $\begin{array}{r} 740 \\ + 25 \\ \hline 765 \end{array}$

35. (A)
 18 22 21 20 24 18 ?
 ↖ ↗ ↖ ↗
 -2 -2
 18 22 21 20 24 18 ?
 ↖ ↗ ↖ ↗
 +3 +3 +3

36. (*) Read CHIMRW as CHMRW
 in this series the sequence is +1 -1
 +1 -1 +1
 Ans; E F O P Y

37. (D) $h g f k j i n m l$
 → → → → →
 -1 -1 -1 -1 -1 -1

38. (B) 210 195 175 150 120 85
 | | | | |
 -15 -20 -25 -30 -35

39. (C) 18 25 23 30 ?
 | | | |
 +7 -2 +7 -2
 $30 - 2 = 28$

40. (D) 8 29 113 449 ?
 \nearrow \nearrow \nearrow \nearrow
 $\times 4-3$ $\times 4-3$ $\times 4-3$ $\times 4-3$

$449 \times 4 = 1796$
 $\begin{array}{r} 1796 \\ - 3 \\ \hline 1793 \end{array}$

41. (C)
 DAY → Work → Exhaust → Night → Sleep
 3 5 1 2 4

42. (D)

43. (D) R V Z I Q Y
 7 5 0 4 2 3

44. (C) Ist IInd IIIrd
 3 10 17
 $\frac{I^{st} + III^{rd}}{II^{nd}} = \frac{3+17}{10} = \frac{20}{10} = 2$
 12 20 28
 $\frac{12+28}{20} = \frac{40}{20} = 2$

45. (C) Dinesh ← Bhanu ← Prakash ← Rajesh ← Jagan
 Jagan is the shortest.

46. (D) Students who walk to school
 = Total students - (who go by car + who go by bus)
 = $100 - (10 + 40) = 100 - 50 = 50\%$
 $= \frac{50}{100} \times 2000 = 1000$

47. (B)

48. (A)
 Pencils
 Beads
 Balls
 I. No Beds are ball possible.
 II. All pencils are beds not possible

49. (D)
 P N
 R O
 Q M
 Q M O N P R
 Q is between M and R

50. (B) C A T S
 30 13 65 88