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

Campus K D Campus Pvt. Ltd

Answer-key & Solution

SSC JE (Mechanical) Practice Set-3

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

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

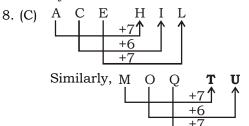
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SOLUTION SSC JE (Mechanical) Practice Set-3

- 1. (B) Towel is to bathtub as chest of drawers is to bed. The towel and bathtub are found in a bathroom. The chest and the bed are found in a bedroom.
- 2. (B) A cobbler makes and repairs shoes. A contractor builds and repairs buildings.
- 3. (B) Hunger can be satiated with food. Similarly, Disease can be warded off by medicine.
- 4. (B) The first word is Antonyms of second word.
- 5. (C) A skein is a quantity of yarn. A ream is a quantity of paper.
- 6. (C) The number has been written in reverse order.
- 7. (D) A pen is used by a poet. A needle is used by a tailor.



9. (A) The saw and the nails are tools used by a carpenter. The stethoscope and thermometer are used by a pediatrician.

10. (A) 4:32:7:98

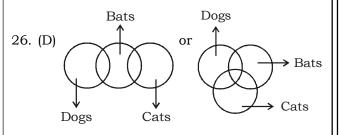
- $\overline{4^2} \times 2 = 32$ $\overline{7^2} \times 2 = 98$
- 11. (B) In all other groups, the third, first and second letters are in alphabetical order.
 12. (D) All groups are gril doors.
- 12. (D) All except Paragon are evil-doers
- 13. (C) All except Character are external qualities.
- 14. (B) In all other numbers, the sum of second and last digits is twice the sum of first and third digits.
- 15. (B) Except Mole hills rest are the mountains whereas Mole hills is a small mound ridge on earth raised by Mole.
- 16. (A) 83 is the only prime number in the group.
- 17. (D) In all other pairs, the second number is one less than the square if the first number.
- 18. (B) All except Chandelas were associated with ancient kingdoms in southern India, While Chandelas formed a kingdom in north India.
- 19. (A) Seven pieces consist of 6 smaller equal pieces and one half cake piece. Weight of each small piece = 20 gm So, total weight of the cake = 2 (20×6)

= 240 gm

- 20. (D) It is clear that the sex of A cannot be determined.
- 21. (B) The letter is the first half and the other half are separately reversed to obtain the code.
- 22. (C) Number of persons between Amrita and Mukul = 50 - (10 + 25) = 15. Since Mamta lies in middle of these 15 persons.
 So, Mamta's position is 8th from Amrita i.e. 18th from the front.
- 23. (A) $(15 \times 2 3) = 27$, $(31 \times 2 6) = 56$ and $(45 \times 2 - 9) = 81$
- 24. (B) $(2)^2 + (4)^2 = 20$ (3)² + (9)² = 90 Therefore, $(1)^2 + (5)^2 = 26$.
- 25. (C) All numbers are cubed,

$$(7)^3 = 343$$

 $(1)^3 = 1$
 $(3)^3 = 27$
Similarly, $(5)^3 = 125$.



1. 5 **2.** 5

- 27. (A) The required number of sweets will be such that it leaves a reminder of 1 when divided by 2, 3 or 4 and no reminder when divided by 5. Such a number is 25 among the options.
- 28. (A) The colour of milk is 'white' and as given 'white' is called 'sky'.
 - So, the colour of milk is 'sky'.
- 29. (A) $P \times R Q$ means P is the brother of R who is the wife of Q i.e. P is the brotherin-law of Q.

30. (B) I \rightarrow G R M II \rightarrow M A S Combining I & II G R M A S Gaurav won the race.

31. (C) 6 7 9 5 6 9 7 <u>6</u> 8 7 <u>6</u> 7 8 6 9 4 6 7 7 6 9 5 7 <u>6</u> 3

32. (B) Using the correct symbols, we have the

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