Campus K D Campus Pvt. Ltd

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

Answer-key & Solution

SSC JE (Electrical) MOCK -(85) Date 11/02/2017

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

Correction Mock Test 84- (81. A, 87. B)

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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technology for Indian industries as they will be engaged in the construction of 8 km-long beam tube at ultra- high vaccuum on a levelled terrain. It will be 3rd such laboratory in the world and first outside the United States. The existing laboratories are located in Hanford, Washington and in Livingston, Louisiana.

90. (B) Investment expenditure refers to the creation of new assets i.e. an addition to the stock of existing capital assets. According to Keynes, investment demand depends upon two factors -

(a) Expected rate of profit - It is also called as Marginal Efficiency of Capital (MEC). Investment demand increases with the increase in the expected rate of profit.

(b) The rate of interest (IR):- Investment demand decreases with the increase in the rate of interest.

- 92. (B) The book "Six Machine: I Don't Like Cricket ... I Love It" is the autobiography of Chris Gayle, a Jamaican cricketer who plays international cricket for the West Indies. The book chronicles how a shy, skinny kid from a tin-roofed shack in the back streets of Kingston became one of the most well-known stars in the global cricketing arena. The story tells of more than just sporting genius; it is a compelling narrative of Chris' struggle, of battling prejudices and still emerging unscathed with a broad smile on his face.
- 93. (B) The Odisha government has recently launched the pension scheme for construction workers, which will benefit 25 lakh beneficiaries in phased manner. As per the scheme, the construction workers above 60 years of age will get pension of Rs 300 per month while workers above 80 years of age will get pension of Rs 500 per month. The widow and disabled construction workers are also eligible to get the benefit of the pension scheme. This is the 3rd scheme has been launched by the state government within a month after the Mahaprayan scheme for taking bodies from hospital to the deceased's house and Biju Kanya Ratna scheme that aims to improve child sex ratio.
- 95. (C) In HTML, The Bold element specifies that the enclosed text should be displayed in boldface. The Underlined <U></U> element specifies that the enclosed text should be displayed underlined. The Italic <I></I> element

specifies that the enclosed text should be italicized.

- 96. (C) Solid carbon dioxide is used as a refrigerant (coolant).
- 98. (A) Henry Moseley gave Modern periodic table. He said physical and chemical properties of element are periodic function of Atomic number of element.
- 100. (B) A starfish lacks a centralized brain, it has a complex nervous system with a nerve ring around the mouth and a radial nerve running along the ambulacral region of each arm parallel to the radial canal.

$$R_{eq} = 1 + (3 | |6) = 3 \Omega$$

Voltage across current source
 $I_{s}R_{eq} = 2 \times 3 = 6 V$

105. (a)

$$R_{L} = R_{C}$$

$$R_{c} = C$$

$$Y_{in} \circ C$$

If
$$R_{\rm L} = R_{\rm C} = \sqrt{\frac{L}{C}}$$

The input admittance of the network is purely real irrespective of the frequency of operation

$$. \quad 4 = \sqrt{\frac{1}{C}} \Rightarrow C = \frac{1}{16} F$$

109. (b) m =
$$\frac{5}{1 \times 10^{-3}} = 5000$$

$$R_{sh} = \frac{50}{(5000 - 1)} = \frac{R_m}{(m - 1)} \Rightarrow R_{sh} = 0.01 \,\Omega$$

$$111.(b) \frac{x}{150} = \frac{120}{150}$$
$$\Rightarrow x = 120 \Omega$$

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