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

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Answer-key & Solution

SSC JE (Civil) MOCK -(132) Date : 3.2.2018

| 1.B | 26. D | 51. C | 76. B | 101. B | 126. B | 151. D | 176. B |
|-------|-------|-------|--------|--------|--------|--------|--------|
| 2. B | 27. A | 52. D | 77. C | 102. C | 127. C | 152. B | 177. A |
| 3. B | 28. A | 53. B | 78. C | 103. A | 128. D | 153. A | 178. D |
| 4. B | 29. A | 54. B | 79. D | 104. D | 129. D | 154. A | 179. C |
| 5. C | 30. B | 55. A | 80. A | 105. A | 130. A | 155. D | 180. B |
| 6. C | 31. C | 56. C | 81. D | 106. B | 131. C | 156. C | 181. A |
| 7. D | 32. B | 57. D | 82. C | 107. D | 132. C | 157. B | 182. A |
| 8. C | 33. D | 58. D | 83. C | 108. A | 133. D | 158. C | 183. C |
| 9. A | 34. C | 59. D | 84. D | 109. B | 134. C | 159. A | 184. C |
| 10. A | 35. B | 60. C | 85. C | 110. C | 135. B | 160. C | 185. A |
| 11.B | 36. D | 61. D | 86. D | 111. B | 136. B | 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. D | 138. D | 163. B | 188. C |
| 14. B | 39. D | 64. C | 89. B | 114. A | 139. C | 164. D | 189. A |
| 15. B | 40. D | 65. D | 90. B | 115. A | 140. C | 165. B | 190. B |
| 16. A | 41. C | 66. B | 91. B | 116. C | 141. D | 166. D | 191. A |
| 17. D | 42. C | 67. C | 92. C | 117. A | 142. B | 167. C | 192. D |
| 18. B | 43. D | 68. D | 93. A | 118. C | 143. D | 168. C | 193. D |
| 19. A | 44. D | 69. B | 94. A | 119. B | 144. D | 169. A | 194. C |
| 20. D | 45. C | 70. A | 95. D | 120. A | 145. A | 170. A | 195. A |
| 21. B | 46. C | 71. D | 96. D | 121. D | 146. A | 171. B | 196. C |
| 22. C | 47. C | 72. D | 97. D | 122. A | 147. A | 172. A | 197. D |
| 23. A | 48. B | 73. D | 98. D | 123. D | 148. C | 173. B | 198. B |
| 24. B | 49. B | 74. A | 99. D | 124. D | 149. B | 174. A | 199. A |
| 25. C | 50. B | 75. C | 100. B | 125. B | 150. C | 175. B | 200. C |
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Note : If your opinion differ regarding any answer, please message the mock test and Question number to 9821756838

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

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or conifer, whose seeds are not enclosed within an ovary. In gymnosperms, no special structure develops to enclose the seeds, which begin their development 'naked' on the bracts of cones.

- 57. (D) Electronic mail or e-mail is a method of exchanging digital messages from an author to one or more recipients. It can be used to send documents, videos, audios etc, depending on the limit allowed by the mail service provider.
- 59. (D) Kaushik Basu is an Indian economist who is Senior Vice-President and Chief Economist of the World Bank. He is on leave from Cornell University where he is the C. Marks Professor of International studies and Professor of Economics.
- 61. (D) Prior to his election as President, Pranab Mukherjee was Union Finance Minister from 2009 to 2012. He is the 13th and current President of India, in office since July 2012.
- 62. (C) Karnataka, Kerala and Tamil Nadu are the three leading coffee producing states of India. Among the non-traditional areas, Andhra Pradesh and Odisha have dominant position in this respect (Coffee Board, Ministry of Commerce & Industry).
- 63. (A) Red light is used in traffic signal because it has the longest wavelength and is refracted least. Violet light has the shortest wavelength and is refracted most.
- 68. (D) Nitrobacter plays an important role in the nitrogen cycle by oxidizing nitrite into nitrogen in soil. It uses energy from the oxidation of nitrite ions, NO_2 into nitrate NO_3 -to fulfill their energy needs.
- 71. (D) Razia Sultana was the first and last women ruler of Delhi Sultanat (from 1236 to May 1240). She was the daughter of Shams-ud-din Iltutmish who was the founder of the Delhi Sultanate and the third ruler of the Slave dynasty.
- 72. (D) The 2013 Booker Prize for Fiction was awarded on 15 October 2013 to Eleanor Catton for her novel 'The Luminaries'. The Man Booker Prize promotes the finest in fiction by rewarding the best book of the year.
- 78. (C) The President addresses the joint sittings

of Parliament in the Central Hall. The President addresses a joint session of Parliament during the first session in the year. The speech is written by the government of the day which he simply reads out.

- 79. (D) Kerosene floats on water because it is immiscible [because one has polar molecules (water) while the other has non-polar molecules (kerosene)] with water and its density is lower than of water. The density of water and kerosene are is 1 g/cm³ and 0.78-0.81 g/cm³ respectively.
- 80. (A) The area of given states in ascending order is as follows:-

Tamil Nadu : 130,058 km².

Andhra Pradesh : 160, 205 km².

Karnataka : 191, 791 km².

Gujarat : 196, 021 km².

- 81. (D) The banana plant is called a 'banana tree'; it is technically a herbaceous plant (or 'herb') not a tree, because the stem does not contain true woody tissue. It is an edible fruit, botanically a berry, produced by several kinds of large herbaceous flowering plants in the genus Musa.
- 82. (C) The Boundary Commission of 1974 was chaired by sir Cyril Radcliffe. The Radcliffe Line was published on 17 August 1974 as a boundary demarcation line between India and Pakistan. Sir Henry McMahon chaired the commission to decide the boundary between Chineseheld and Indian-held territory in the eastern Himalayan region.
- 83. (C) The Fundamental Rights in our constitution were inspired by the American Constitution. Other features borrowed from the American Constitution are: Written Constitution, Vice-President as the ex-officio Chairman of Rajya Sabha, independence of Judiciary and judicial review, etc.
- 85. (C) Mean fundamental frequency, which is associated with the perceptual notion of pitch, is commonly considered as the major difference between adult male and female voices. Pitch of a man's voice falls under low frequency, whereas woman's voice is of the high pitch type.
- 86. (D) DNA stands for Deoxyribonucleic acid. It



- 87. (A) ATM stands for Automated Teller Machine. It is an electronic telecommunications device that enables the customers of a financial institution to perform financial transactions without the need for human cashier, clerk or bank teller.
- 88. (C) After the Great Crash of 1929 (Great Depression), the American public sought a scapegoat for the economic collapse. Some held President Hoover responsible; and others targeted the 'three B's' brokers, bankers and businessmen.
- 90. (B) Disguised unemployment exists where part of the labour force is either left without work or is working in a redundant manner where worker productivity is essentially zero. An economy demonstrates disguised unemployment where productivity is low and where too many workers are filling too few jobs.
- 91. (B) Beriberi refers to a cluster of symptoms caused primarily by a nutritional deficit in vitamin B_1 (Thiamine). It has been endemic in regions dependent on what is referred to as polished, white, or dehusked rice.
- 94. (A) The common air pollutants are particulate matter, ozone, carbon monoxide, sulphur oxides, nitrogen oxides and lead. Carbon dioxide from the burning of fossil fuels is also responsible for the greenhouse effect.
- 95. (D) Isodynamic line is an imaginary line or a line on a map connecting points on the earth's surface at which the horizontal magnetic intensity is the same called also isogam. It connects points on the Earth where the strength of the Earth's magnetic field is the same.
- 100. (B) Gross National Product (GNP) is the gross value of all the final products without deducting the depreciation of fixed capital. The net national product (NNP) is calculated by deducting depreciation from the gross national product, i.e..

NNP = GNP – Depreciation.

1 senty stock (v) = $(\vartheta) = \frac{1}{100} cm^2 / sec$ $R_N = \frac{\mathrm{vd}}{\mathrm{v}}$ $=\frac{250\times20\times100}{1}=5,0.0000$ 109. (B) Q = $8 \text{ m}^3/\text{sec}$ V = 2 m/secB = 4 m $A = \frac{Q}{V}$ $H \times B = \frac{8}{2}$ $H \times 4 = 4$ H = 1m $P_{w} = 2 H + B$ $= 2 \times 1 + 4 = 6$ Hydrculic mean radius- $R = \frac{A}{p_{iii}} = \frac{4}{6} \Longrightarrow \frac{2}{3}m$ 111. (B) Area of plot = 16 km² on map = 1 cm^2 $1 \text{ cm}^2 = 16 \text{ km}^2$ 10 cm = 40 km $R.F. = \frac{10 \, cm}{40 \, km}$ $=\frac{10}{4000000}$ $=\frac{1}{400000}$ 114. (A) M.B of line = 132°45' M.D of line = $10^{\circ}20'W$ $T.B = 132^{\circ}20' - 10^{\circ}20'$ $= 122^{\circ}25'$ 115. (A) M.B of the sun at noon = 185°20' T.B of the sun at noon = 180° T.B = m.B + m.DM.D= 180 - 185°20' $= -5^{\circ}20'$ $= 5^{\circ}20' W$ 116. (C)

On station A, B.S = 3m On Station B, F.S = 2.5 m On Station R.L = 100 On Station A, R.L =?

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