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Answer-key & Solution

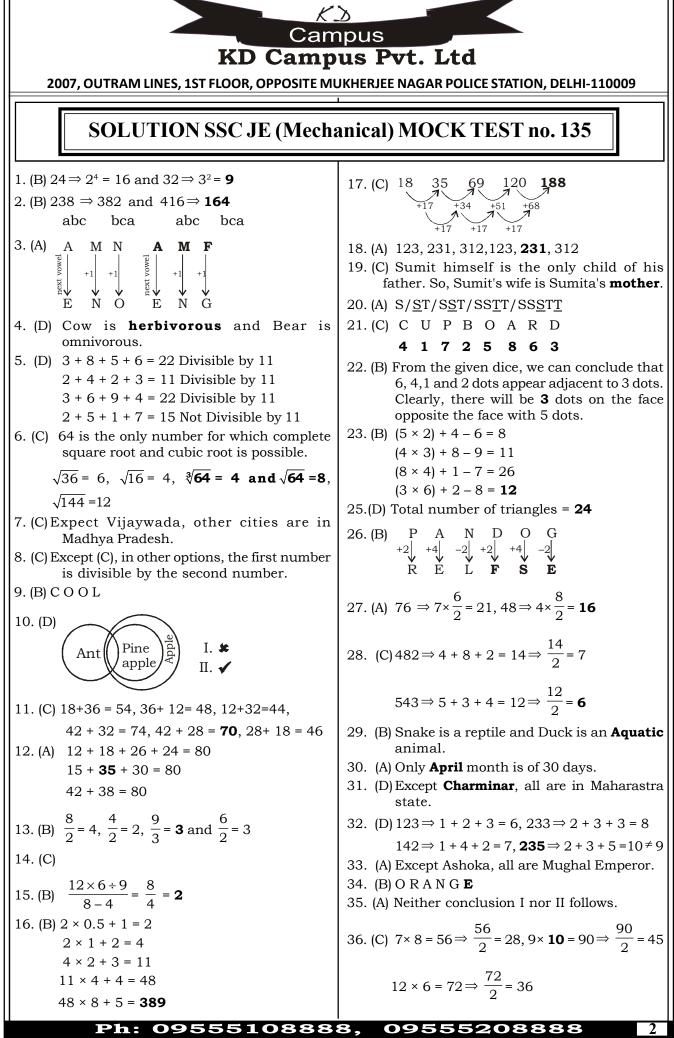
SSC JE (Mechanical) MOCK -(135) Date:- 17.3.2018

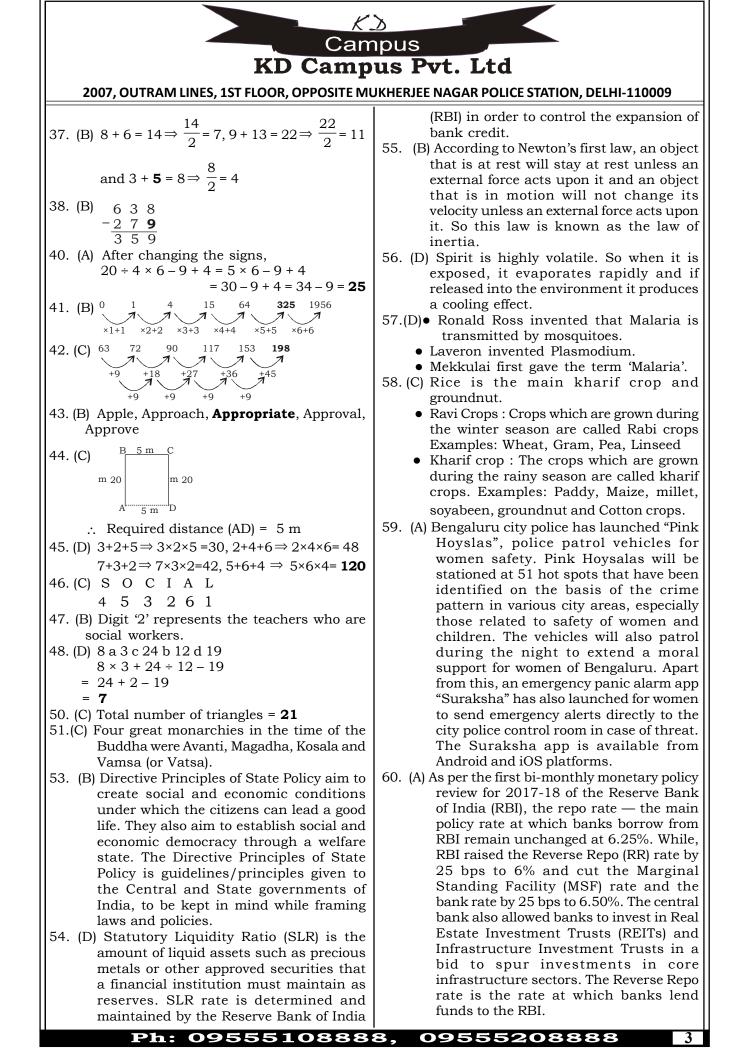
| 1. B | 26. B | 51. C | 76. C | 101. C | 126. C | 151. C | 176. D |
|-------|-------|-------|--------|--------|--------|--------|--------|
| 2. B | 27. A | 52. B | 77. A | 102. D | 127. B | 152. A | 177. D |
| 3. A | 28. C | 53. B | 78. D | 103. A | 128. D | 153. A | 178. A |
| 4. D | 29. B | 54. D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

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

Ph: 09555108888, 09555208888

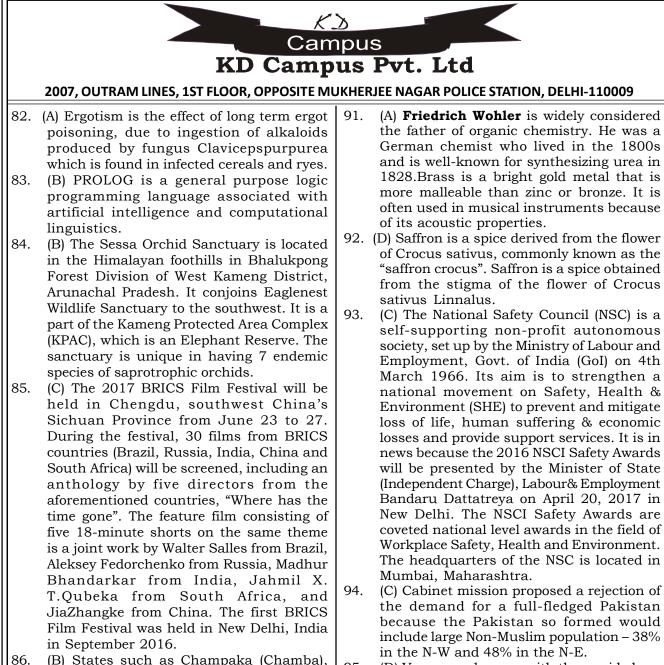






- 61.(C) The Kushan period is considered the Golden period of Gandhara. Peshawar Valley and Taxila are littered with ruins of stupas and monasteries of this period. Gandharan art flourished and it produced some of the best pieces of Indian sculpture. Many monuments were created to commemorate the Jataka tales. The Gandhara civilization peaked during the reign of the great Kushan King Kanishka (128-151).
- 62.(B)• Mt. Rainier is a volcanic mountain situated in U.S.A.
 - Mt. Etna is situated in Europe, Paricutin volcanic mountain present in Mexico.
 - Taal volcanic mountain is present in Philippines.
- 63. (D) PN Bhagwati was CJI during July 1985– Dec 1986. During his tenure as CJI, PIL was introduced to the Indian judicial system.
- 64.(C) Convertibility of rupee implies freely permitting the conversion of rupee to other currencies and vice versa. Currency Convertibility is the ease with which a country's currency can be converted into gold or another currency.
- 66. (A) The total energy of a revolving electron in any orbit is the sum of its kinetic and potential energies. Energy of an electron at infinite distance from the nucleus is zero. As an electron approaches the nucleus, the electron attraction increases and the energy of electron decreases and thus becomes negative. Thus, it can never be positive.
- 68.(A) The Union Minister for Information & Broadcasting, M Venkaiah Naidu has recently released a book titled "Gandhi in Champaran" authored by Dinanath Gopal Tendulkar at National Mahatma Gandhi Museum in New Delhi.
- 69. (A) Badami was also known as Vatapi in Bijapur district of Karnataka. Panamalai or Kanchi in Tamil Nadu was the capital of Pallavas.
- 70. (A) Indira Gandhi Canal originated from Harike barrage at Sultanpur on Sutlej but Ghaggar is a tributary of river Saraswati, which ends in the Thar Desert.
- 72. (C) Population density of Arunachal Pradesh is 13, Himachal Pradesh is 109, Meghalaya is 103, and Sikkim is 76.The state of Arunachal Pradesh has the lowest record of population density having just 17 per square kilometer.

- 75. (A) The Indian Veterinary Research Institute (IVRI) is the India's premier advanced research facility in the field of veterinary medicine and allied branches.At present, a DNA bank exists in Hyderabad. The headquarters of IVRI is located at Bareilly in Uttar Pradesh.
- (C) In 1018, Rajendra conquered Ceylon (Sri Lanka). Earlier Rajaraja I conquered only half of it.
- 77. (A) The Nile River begins at the equator and ends at the Mediterranean Sea. It flows through Egypt, Sudan, Uganda, Ethiopia, Zaire, the Sahara Desert, Kenya, Tanzania, Eritrea, Burundi and Rwanda. The Nile River is the longest river in the world. It is often associated with Egypt. It has two tributaries. The White Nile starts at Lake Victoria, and the Blue Nile starts at Lake Tana. The two tributaries merge in Sudan.
- 79. (B) In 1881 the first entirely Indian joint stock bank was the Oudh Commercial Bank, established in Faizabad. It collapsed in 1958. The next i.e the Punjab National Bank was established in Lahore in 1895, which has survived to the present and is now one of the largest bank in India.
- 80. (A) Stars twinkle because they are point light sources. Passing through the atmosphere, the small beam of light constantly shifts by bouncing off particles in the air. Planets are closer, so they appear as discs, with the shifting of light from one side cancelling out the other. The atmosphere of the Earth is a turbulent medium, with streams and columns of air churning around and dispersing all the time. These disturbances act like lenses and prisms that shift the light from side to side by small amounts several times a second. Since they are so far away and the beam of light is so thin, the stars appear to twinkle.
- (C) There are 118 known elements on the 81. periodic table. The most recently discovered element, Ununoctium, was first reported by Russian scientists from Dubna in 2002. Russian scientist Dmitri Mendeleev is usually credited with the first known publication of a periodic table of elements, in 1869. He created the table by arranging known elements into rows and columns based on atomic weight and the similarity between elements. Using this method, he was also able to predict the existence of unknown elements, such as Gallium and Germanium. The standard periodic table style in use today is attributed to Horace Deming, an American scientist.



- 86. (B) States such as Champaka (Chamba), Durgara (Jammu), Trigarta (Jalandhar), Kuluta (Kulu), Kumaon and Garhwal managed to remain outside the main areas of conflict in the northern plains.
- (C) Diamantine Trench is situated in southeast part of Indian Ocean. The depth of Diamantine Trench is 8047 m.

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|---|----------------------|------------|-----------------------------|
| | Name | Deepest | Ocean |
| | | point (km) | |
| | 1 Mariana Trench | 11.0 km | Pacific Ocean (near Japan) |
| | 2 Philippine Trench | 10.4 km | Pacific Ocean (near the |
| | | | Philippine islands |
| | 3 Bonin Trench | 9.99 km | Pacific Ocean (near Japan) |
| | 4 New Britain Trench | 9.94 km | Pacific Ocean (near New |
| | | | Guinea) |
| | 5 Kuril Trench | 9.75 km | Pacific Ocean (near Russia) |
| | | | (, |

90. (D) It is just because woolen clothes have fibres and between those fibres air is trapped which reduces heat loss. Air reduces heat loss because it is an insulator i.e. poor conductor of heat. Hence, all the heat from our body gets trapped inside the clothes which makes us feels warmer with the clothes.

- in the N-W and 48% in the N-E.
 95. (D) Venus can be seen with the unaided eye from Earth. It is the brightest planet in our Solar System. Venus was given the nickname evening star and morning star because of its bright consistent presence.
 100. (D) The Civil Services Dev (CSD) is
- 100. (B) The Civil Services Day (CSD) is organized every year on April 21 in India by civil servants to rededicate and recommit themselves to the cause of the people. This day gives civil servants the opportunity for introspection and thinking about future strategies to deal with the challenges being posed by the changing times. On this occasion, all officers of Central and State Governments are honoured for excellence in public administration by the Prime Minister of India. The Prime Minister Narendra Modi will confer PM's awards for Excellence in Public Administration to Districts/Implementing units and other Central/State organisations on April 21, 2017 for effective implementation of Identified Priority Programmes and Innovation.

