Campus KD Campus Pvt. Ltd

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

KЪ

Answer-key & Solution

SSC JE (Civil) MOCK -(129) Date : 30/ 12/ 2017

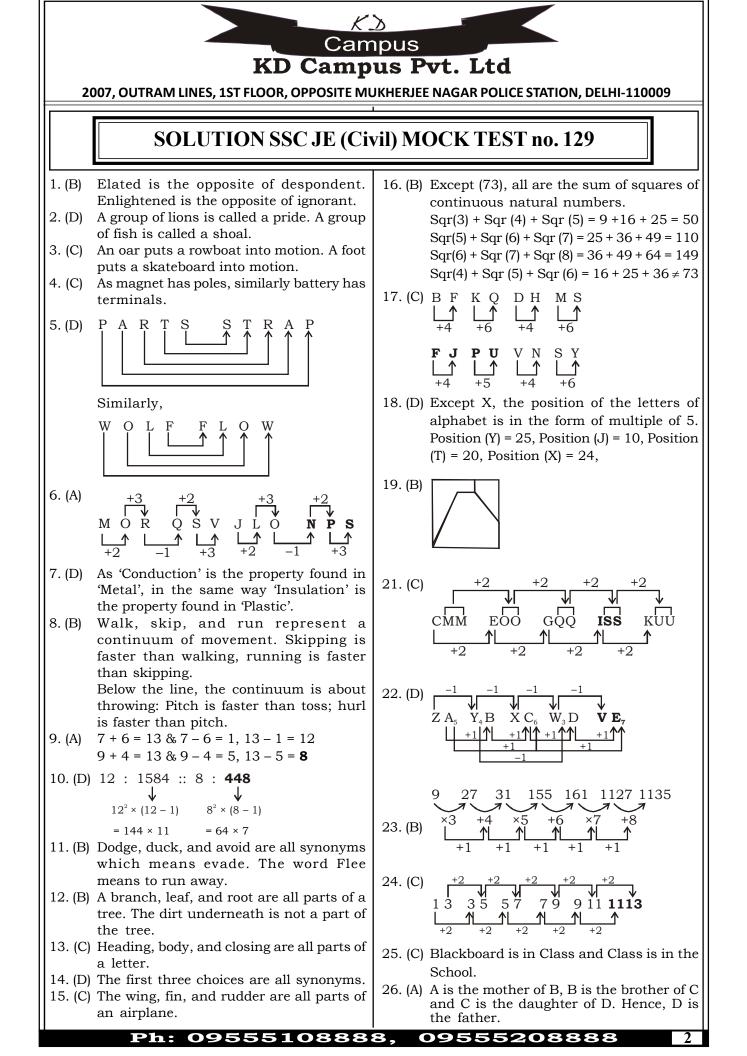
1. B	26. A	51. C	76. D	101. D	126. A	151. D	176. A
2. D	27. D	52. C	77. B	102. D	127. A	152. D	177. A
3. C	28. D	53. A	78. D	103. A	128. C	153. C	178. D
4. C	29. C	54. A	79. C	104. A	129. A	154. B	179. B
5. D	30. B	55. B	80. C	105. D	130. C	155. C	180. C
6. A	31. B	56. B	81. C	106. B	131. B	156. C	181.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

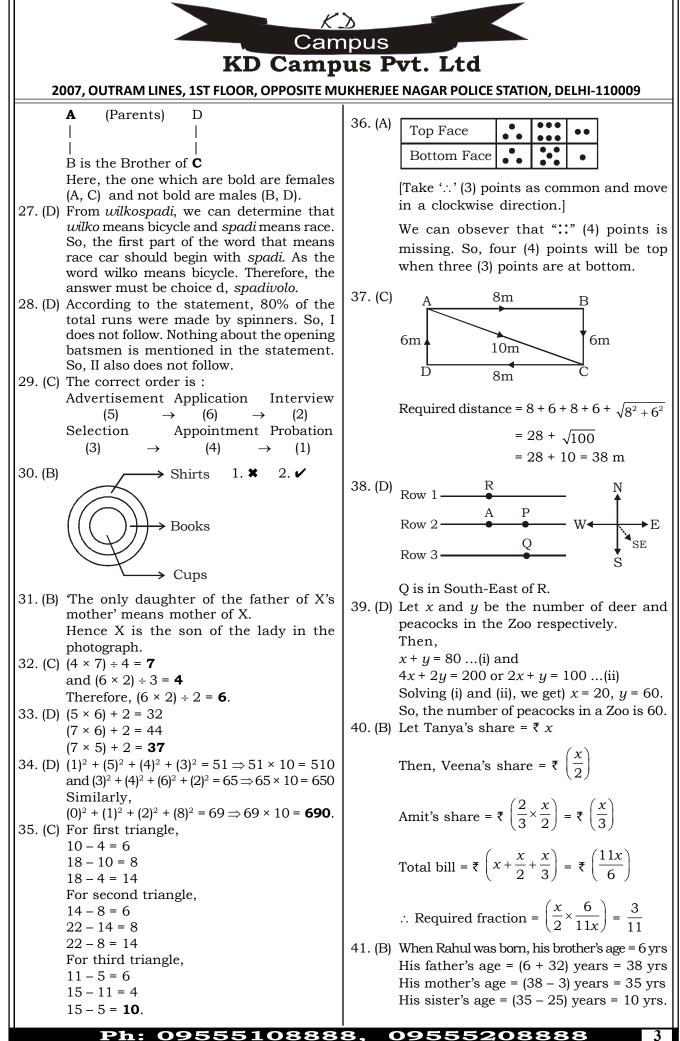
Correction Mock Test 128. Answer Key 114. (A)

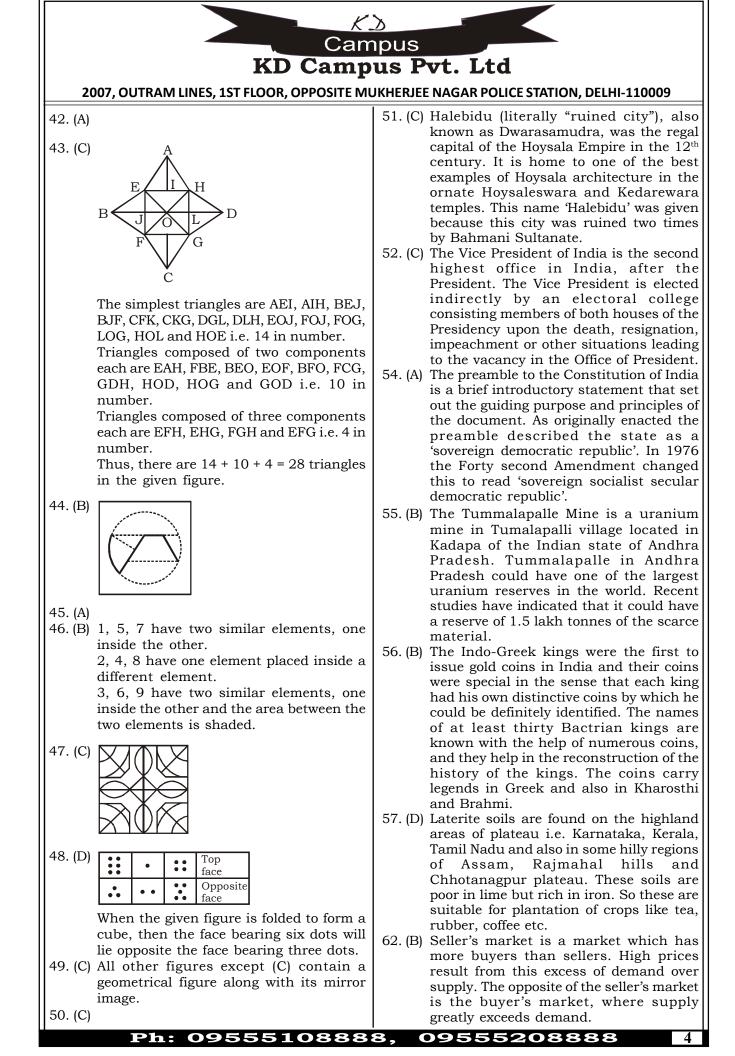
Note : *If your opinion differ regarding any answer, please message the mock test and Question number to 9821756838*

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

Ph: 09555108888, 09555208888









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

- 63. (C) Balance of payments (BoP) accounts are an accounting record of all monetary transactions between a country and the rest of the world. These transactions include payment for the country's exports and imports of goods, services, financial capital and financial transfers. The BoP accounts summarize international transactions for a specific period, usually a year and are prepared in a single currency, typically the domestic currency for the country concerned.
- 64. (A) South-South Cooperation is a term historically used by policymakers and academics to describe the exchange of resources, technology and knowledge between developing countries, also known as countries of the global South.
- 66. (C) The Lotus Temple, located in New Delhi (India) is a Bahai House of Worship completed in 1986. Notable for its flowerlike shape, it serves as the Mother Temple of the Indian subcontinent and has become a prominent attraction in the city.
- 68. (D) Life Divine is the philosophical magnum opus of Sri Aurobindo. It combines a synthesis of western insights. The Life Divine covers topics such as the human aspiration, the emergence of life in the cosmos, the evolution of matter to spirit in the universe, the division and dualities inherent in human consciousness, the man's ignorance through an evolution of consciousness, and the spiritual destiny of life on earth.
- 71. (B) CSIR- Central Food Technological Research Institute, abbreviated to CSIR-CFTRI which is one of the 40 national research laboratories in India was set up under the aegis of the Council of Scientific and Industrial Research (CSIR). It is Located in Mysore (Karnatka) and was opened in 1950.
- 72. (B) Disinvestment is a process where Government sells its equity holding to private sectors. In other ways it is a privatization process where private parties are given shareholding in Government undertakings either wholly or partially.
- 73. (D) A modem (modulator-demodulator) is a device that modulates an analog carrier signal to encode digital information and also demodulates such a carrier signal to decode the transmitted information. The goal is to produce a signal that can be transmitted easily and decoded to reproduce the original digital data.

- 74. (B) Bank of India is an Indian state-owned commercial bank with headquarters in Mumbai (Maharshtra). It has been government-owned since nationalization in 1969. It is India's 4th largest PSU bank after State Bank of India, Punjab National Bank and Bank of Baroda.
- 76. (D) The All India Depressed classes Federation was formed at the Conference of the Depressed Classes at Nagpur on August 8, 1930. This organization was the brainchild of Dr. B. R. Ambedkar who presided over this conference.
- 77. (B) The Nobel Peace Prize is one of the five Nobel Prizes bequeathed by the Swedish industrialist, inventor and armaments manufacturer Alfred Nobel, along with the prizes in Chemistry, Physics, Physiology or Medicine and Literature. Since 1901, it has been awarded annually (with some exceptions) to those who have done the most or the best work for fraternity between nations, for the abolition or reduction of standing armies and for the holding and promotion of peace. Nobel Prize is not given in Mathematics.
- 78. (D) The Hypertext Transfer Protocol (HTTP) is an application protocol for distributed, collaborative, hypermedia information systems. HTTP is the foundation of data communication for the World Wide Web. HTTP is the protocol to exchange or transfer hypertext.
- 81. (C) In this case the given equation shows that the velocity is linear with time and therefore the particle is moving with constant acceleration because for a particle to acquire constant acceleration the graph of the velocity time graph should be linear with the time functions.
- 82. (C) Spirit is highly volatile. So when it is exposed, it evaporates rapidly to the air and if released into the environment it produces a cool effect.
- 84. (D) Mass number = protons or mass of electron (atomic number) + neutrons. So it is mostly greater than the atomic number. At best, it can be equal to the atomic number.
- 85. (C) Insulin is a peptide hormone produced by beta cells of the pancreas, and is used for regulating carbohydrate and fat metabolism in the body. Insulin causes cells in the liver, skeletal muscles, and fat tissue to take up glucose from the blood. In the liver and skeletal muscles, glucose is stored as glycogen, and in adipocytes it is stored as triglycerides.

Ph: 09555108888, 09555208888



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

- 88. (C) The total energy of a revolving electron in any orbit is the sum of its kinetic and potential energies. Energy of an election 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.
- 92. (B) Indigo is a dye different from any other. It does not require any mordant. Rather it is dyed through a living fermentation process. The process 'reduces' the Indigo, changing it from blue to yellow. In this state, it is a bright green. Slowly the air changes it to the beautiful deep and rich blue of Indigo.
- 93. (D) Progesterone is one of the hormones in our body that stimulates and regulates various functions. Progesterone plays a role in maintaining pregnancy. The hormone is produced in the ovaries (the placenta (when a woman gets pregnant) and the adrenal glands). It helps in preparing the body for conception and pregnancy and regulates the monthly menstrual cycle. It also plays an important role in sexual desire.
- 94. (D) A rectifier is an electrical device that converts alternating current (AC) which periodically reverses direct current (DC) which flows in only one direction. The process is known as rectification. Physically, rectifiers take a number of forms including vacuum tube diodes and mercury valves, solid-state diodes, silicon-controlled rectifiers and other silicon-diode based semiconductor switches.
- 95. (C) Landfill is the most common and the oldest method for waste disposal management. Incineration is the second largest method for waste disposal management in most of the countries around the world.
- 96. (D) Butane is highly flammable, colourless, easily liquefied gases. When blended with propane and other hydrocarbons. It is referred to commercially as LPG for liquefied petroleum gas.
- 97. (C) Zirconium is a lustrous, grey-white, strong transition metal that resembles Titanium. Zirconium is mainly used as a refractory and opacifier, although it is used in small amounts as an alloying agent for its strong resistance to corrosion.

- 99. (C) A basic microscope is made up of two converging lenses. The first lens creates a real image which serves as the object for the second lens, and the image created by the second lens is the one a viewer sees. The final image is magnified, virtual and is inverted compared to the original object.
- 112. (D) Area of field = 33600 m^2 on map taking area = 0.07×0.12 m $= 0.0084 \text{ m}^2$ $\therefore 0.0084 \text{ m}^2 = 33600 \text{ m}^2$ $1m^2 = 4000000 m^2$ Square root of 1 = 2000 mR.F = 1:2000116. (B) RB = N87°w W.C.B = 360°-87° = 273° 117. (B) f = 25 cm or 0.25 m i = 15 cm or 0.15 m f + i = 0.25 + 0.15 = 0.40133. (D) Z = 5.4 x = 6.8 y = 2.6 $P = \frac{x-z}{z-u} = \frac{6.8-5.4}{5.4-2.6}$ $=\frac{1.4}{2.8}\times 100 = 50\%$ 141. (C) $a_t = \frac{\pi d^2}{4} = \frac{3.14 \times 8^2}{4} = 50.25$ $A_{st} = \frac{0.15 \times 115 \times 1000}{100} = 172.5$ $S = \frac{at \times 1000}{A_{ct}} = \frac{50.25 \times 1000}{172.5} = 291.30$ 142. (B) Pitch of Lateral ties $= 16 \phi = 16 \times 12$ = 192 mm 146. (D) Specific retention of the sand = 50% - 30% = 20% 154. (B) Reduced level of the sight rail at B = 205.75 + 1.00= 206.75169. (D) $T_V = \frac{\pi}{4} \left(\frac{U\%}{100}\right)^2$ $=\frac{22}{(0.50)^2}$

192. (A) Total annual cost of highway

$$=\frac{B}{(C\times N)} = \frac{40000}{200\times 100} = 2$$

Ph: 09555108888, 09555208888