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

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Answer-key & Solution

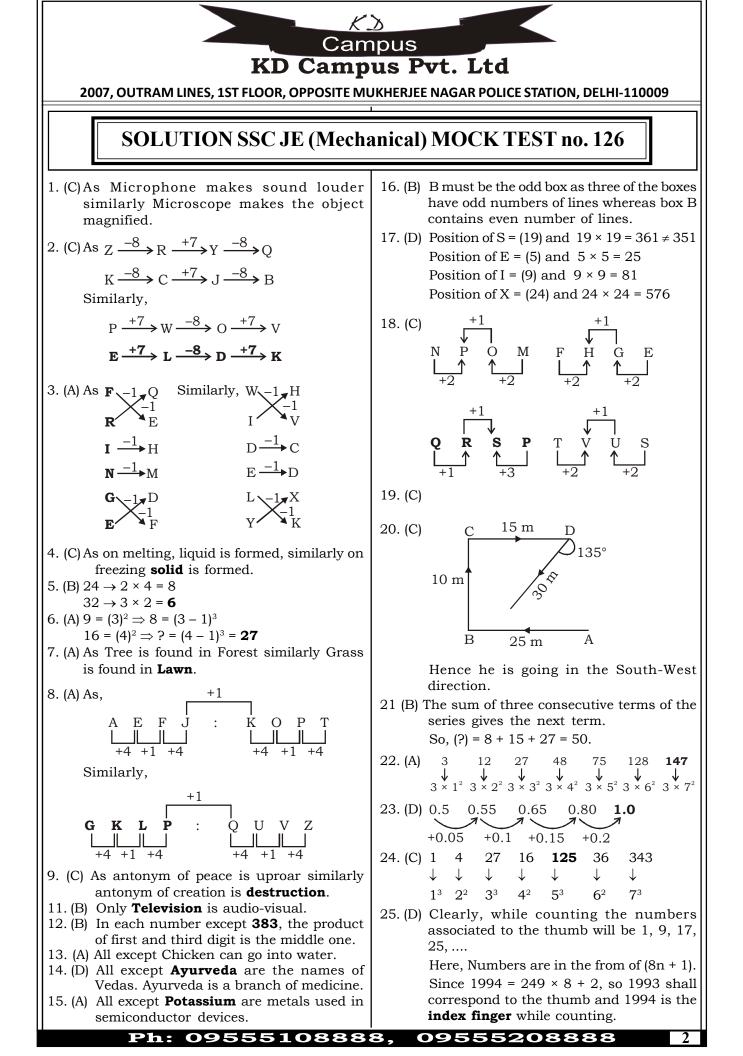
SSC JE (Mechanical) MOCK -(126) Date 09/12/2017

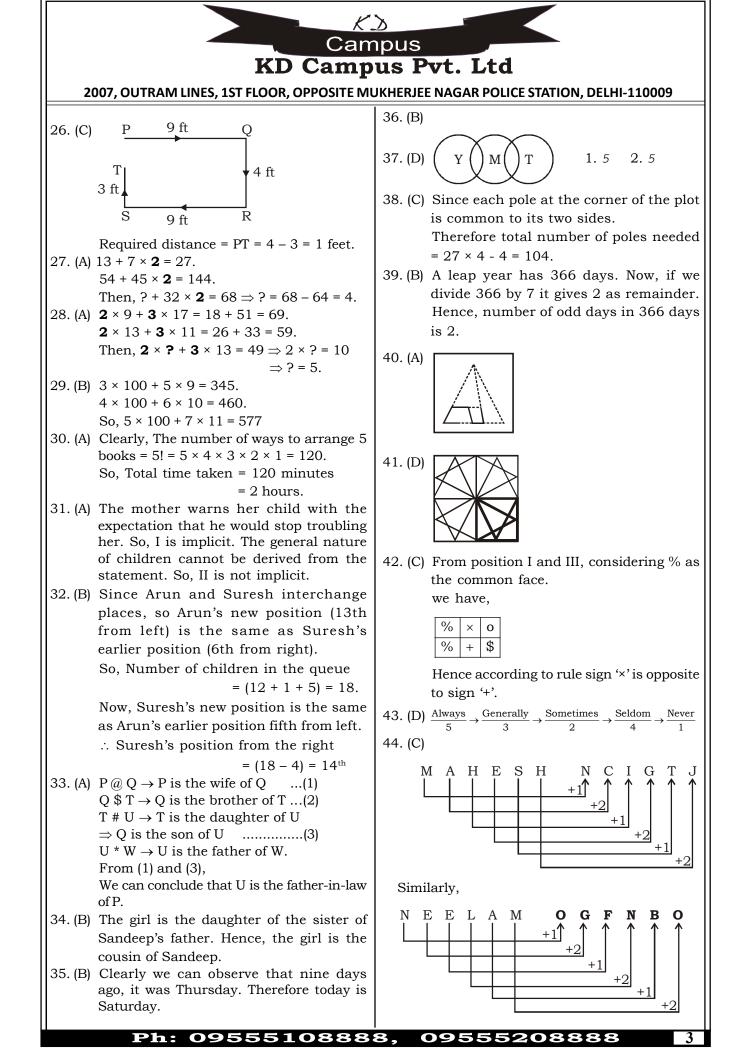
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1. C	26. C	51. B	76. D	101 B	126 A	151 A	176. B
2. C	27. A	52. C	77. A	102 A	127 D	152 B	177. C
3. A	28. A	53. C	78. D	103 C	128 A	153 D	178. C
4. C	29. B	54. C	79. D	104 C	129 B	154 A	179. C
5. B	30. A	55. A	80. A	105 D	130 A	155 B	180. A
6. A	31.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

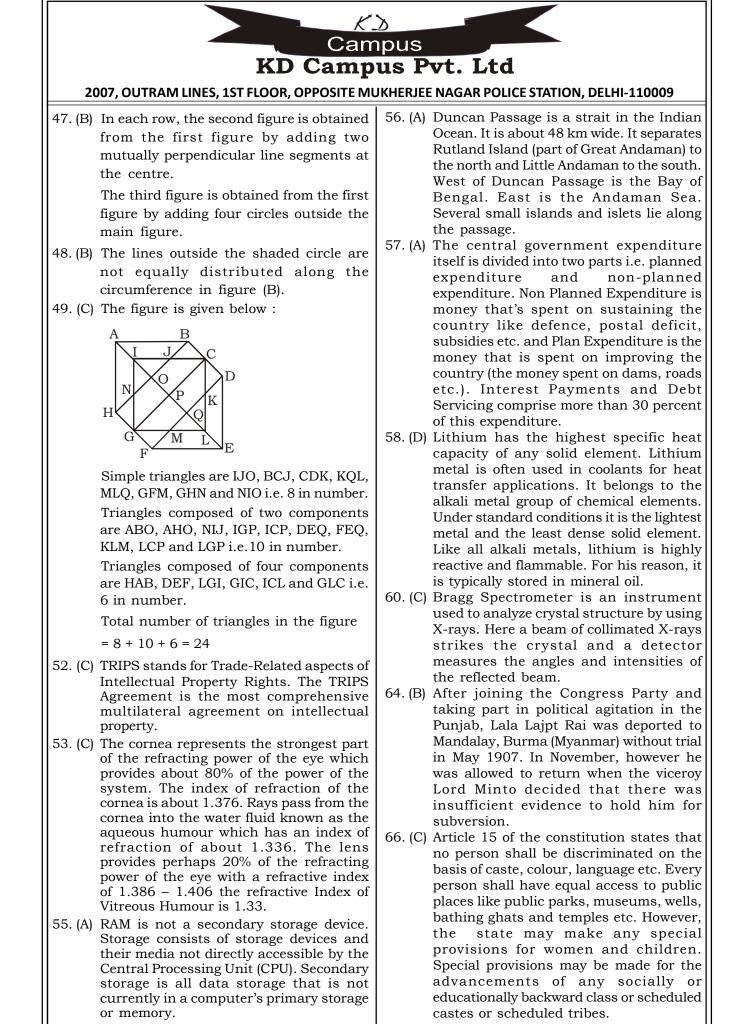
Note : If your opinion differ regarding any answer, please message the mock test and Question number to 9560620353

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

Ph: 09555108888, 09555208888







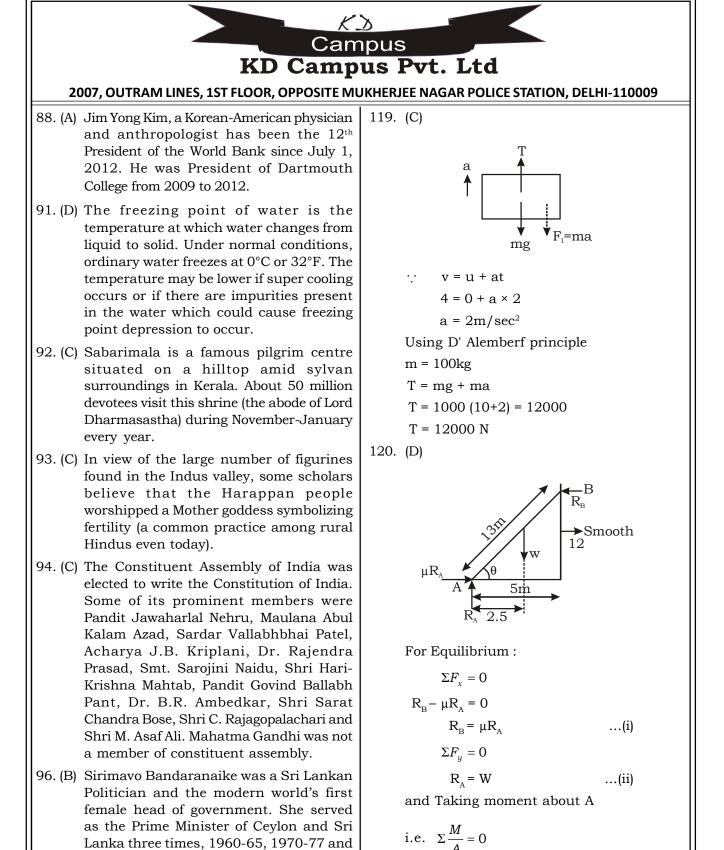


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- 67. (C) Seasonal employment refers to a situation where a number of persons are not able to find jobs during some months of the year. Example: Agriculture is a seasonal activity. There is an increased demand for labour at the time for sowing, harvesting, weeding and threshing. In between there is little or no demand for labour. Besides this disguised unemployment is also seen in agriculture in India.
- 68. (A) Article 222 empowers the President to transfer judges from one High Court to another. Clause (2) of this article goes on to provide that when a judge is transferred he shall be entitled to receive a compensatory allowance in addition to his salary. It is felt that there is no real justification for granting such an allowance and it is accordingly proposed to omit clause.
- 69. (A) Robert Edwin Peary was an American explorer who claimed to have led the first expedition, on April 6,1909, to reach the geographic North Pole. Peary's claim was widely credited for most of the 20th century, though it was criticized even in its own days.
- 73. (A) Somdev Kishore Dev Varman, is a professional Indian tennis player. Three of Dev Varman's college conquests, John Isner, Kevin Anderson, and Jesse Levine have successful pro careers. He hit the headlines for being the only collegiate player to have made three consecutive finals at the NCAA and winning back-toback finals in his junior and senior years.
- 74. (A) Microsoft Outlook is a personal information manager from Microsoft, available as a part of the Microsoft Office suite. Although often used mainly as an email application. It also includes a calendar, task manager, contact manager, note taking, a journal and web browsing.
- 75. (D) Vitamin B_6 is a member of the B complex family of vitamins. It is known as pyridoxine. Its deficiency may lead to microcytic anaemia, depression, dermatitis, high blood pressure (hypertension), water retention, and elevated levels of homo cysteine. Vitamin B6 is found in a wide range of foods, including meat, poultry, legumes, bananas and foods that are fortified with a supplemental form. Adults need 1.3 to 1.7 milligrams (mg) daily to meet their requirements.
- 77. (A) The Planck's constant has dimensions of physical action. These are the same as those of angular momentum, i.e., energy multiplied by time, or momentum multiplied by distance. In SI units, the Planck constant is expressed in joule seconds (J.s) or (N.m.s).

- 79. (D) The Battle of Rajasthan is a battle (or series of battles) where the Hindu alliance defeated the Arab invaders in 738 AD and removed the Arab invaders from the area east of the Indus River and protected the whole of India. The main Indian kings who contributed to the victory over the Arabs were the north Indian ruler Nagabhata of the Partihara Dynasty and the south Indian Emperor Vikramaditya-II of the Chalukya Dynasty in the 8th century.
- 81. (B) Ratna is a resistant variety of rice. This paddy variety takes about 130-135 days to grow. The main states growing this variety are Bihar, Madhya Pradesh, Assam, West Bengal, Orissa, Terai region of UP, Punjab, Haryana and Tamil Nadu.
- 82. (B) The consumption function is a mathematical formula laid out by famed economist John Maynard Keynes. The formula was designed to show the relationship between real disposable income and consumer spending. The latter variable is considered the most important determinant of short-term demand in an economy.
- 83. (C) Colour-blindness is the inability to distinguish the differences between certain colours. This condition results from the absence of colour-sensitive pigment in the cells of the retina, the nerve layer at the back of the eye. A person with colourblindness has trouble seeing red, green, blue or mixtures of these colors. The most common type is red-green colour-blindness, where red and green are seen as the same colour.
- 85. (D) Curzon introduced some reforms in agriculture. He passed the Punjab Land alienation Act of 1902. Under this act Curzon declared that the land of agriculture will not be transferred to nonagriculturist. In this way he protected the farmers from money lender class.
- 87. (A) Proportional representation (PR) is a concept in voting systems used to elect an assembly or council. PR means that the number of seats won by a party or group of candidates is proportionate to the number of votes received. It is a voting system whereby successful parties gain seats or majority in a country's legislature and thus are eligible for government formation.

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994-2000 and was a long-time leader of the Sri Lanka Freedom Party.
97. (C) The ozone layer is a layer in Earth's atmosphere containing relatively high concentrations of ozone (O₃). The layer absorbs 97-99% of the Sun's medium-frequency ultraviolet light (from about 200 nm to 315 nm wavelength) which potentially

damages exposed life forms on Earth.

 $R_{\rm B} = \mu w \qquad \dots (iv)$ $\mu = 0.208$

...(iii)

 $R_{B} = \frac{2.5}{12}W = 0.208W$

 $R_{_{\rm B}} = 0.208 \text{ W}$

From equation (i) & (ii)

 $R_{_{\rm B}} \times 12 - W \times 2.5 = 0$

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