Campus KD Campus Pvt. Ltd

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

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Answer-key & Solution

SSC JE (Mechanical) MOCK -(122) Date 11/11/2017

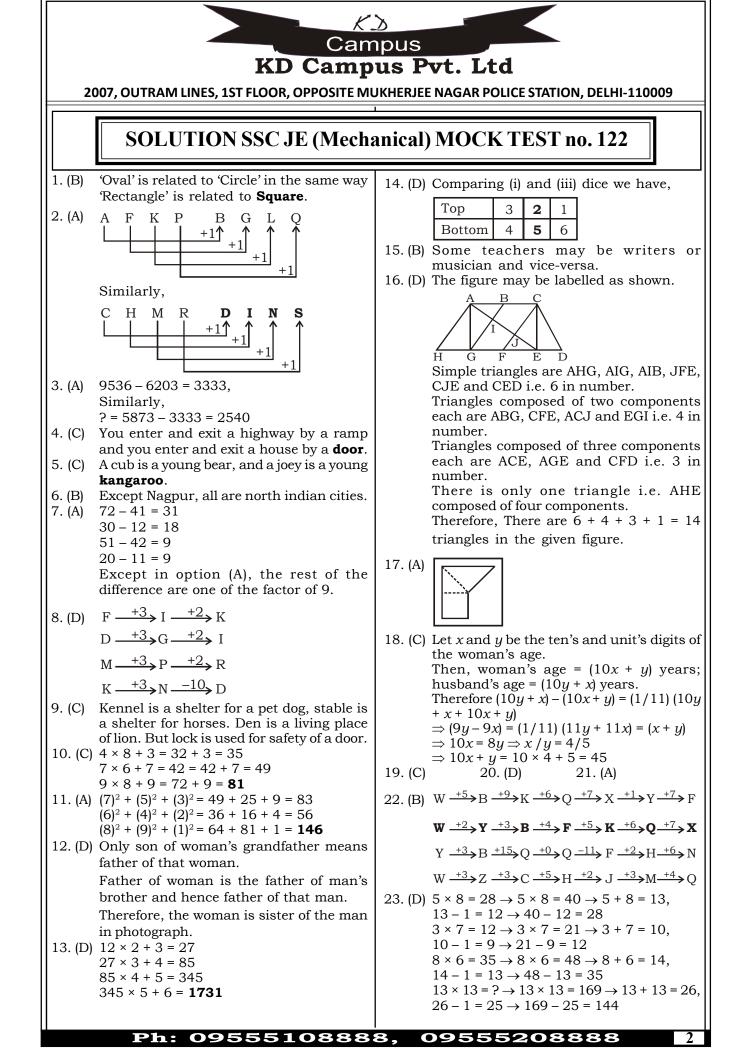
I								
1	В	26 D	51 C	76 A	101 C	126 A	151 C	176 A
2	А	27 B	52 C	77 A	102 A	127 C	152 D	177 D
3	А	28 C	53 B	78 A	103 C	128 B	153 B	178 A
4	С	29 D	54 B	79 C	104 A	129 D	154 A	179 D
5	С	30 C	55 C	80 B	105 A	130 C	155 A	180 B
6	В	31 D	56 A	81 A	106 C	131 C	156 B	181 B
7	А	32 D	57 A	82 D	107 A	132 B	157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

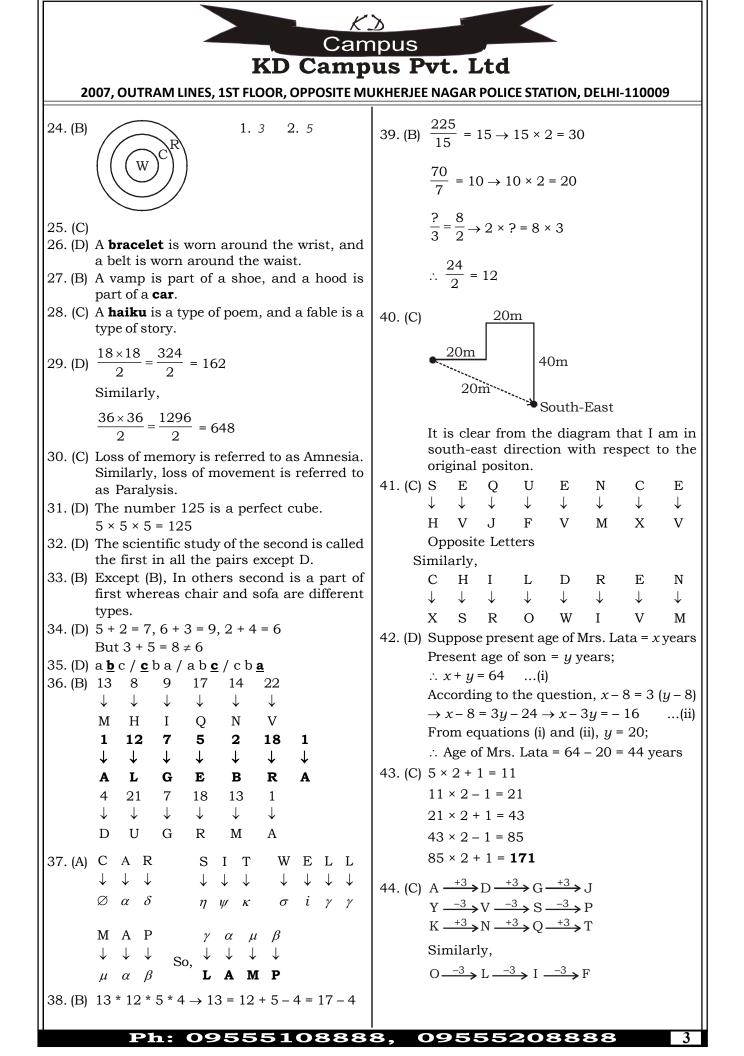
Correction Mock Test - 121 (Q. 165. B, 174. D, 187. A, 188. B)

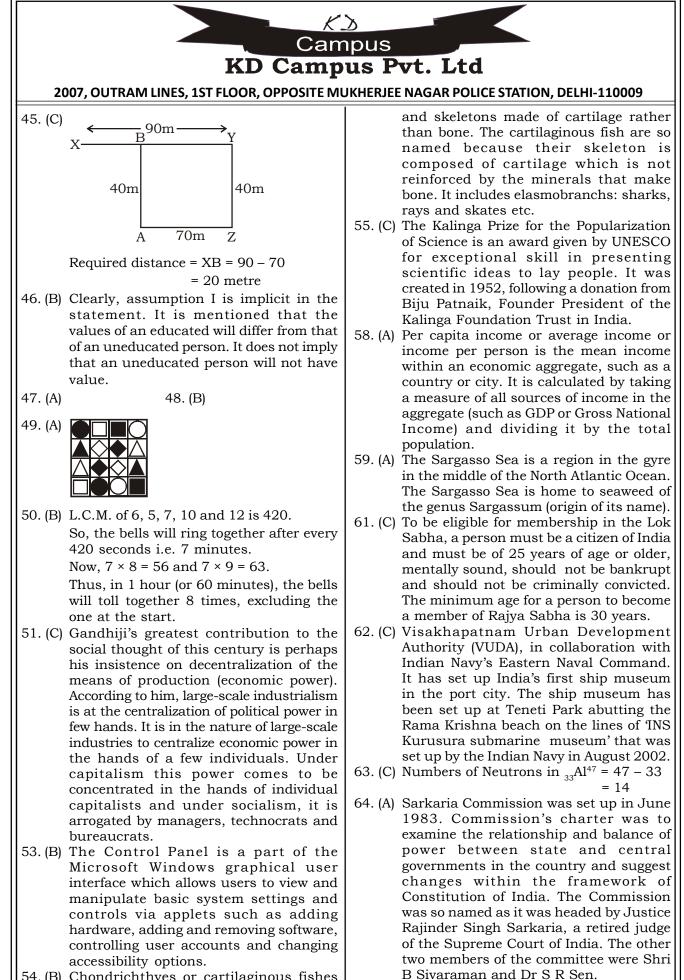
Note : If your opinion differ regarding any answer, please message the mock test and Question number to 9560620353

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

Ph: 09555108888, 09555208888







54. (B) Chondrichthyes or cartilaginous fishes are jawed fish with paired fins, paired nares, scales, a two-chambered heart,

65. (A) Eutrophication is the ecosystem response to the addition of artificial or natural substances, such as nitrates and 09555208888

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phosphates, through fertilizers or sewage, to an aquatic system. One of its example is the "bloom".

- 67. (C) Iodized salt which is also spelled iodised salt, is table salt mixed with a minute amount of various salts of the element iodine. The ingestion of iodide prevents iodine deficiency. Worldwide, iodine deficiency affects about two billion people and is the leading preventable cause of mental retardation. Deficiency also causes thyroid gland problems, including "endemic goitre." In many countries iodine deficiency is a major public health problem that can be cheaply addressed by purposely adding small amounts of iodine to the sodium chloride salt.
- 69. (D) John Mccloy was the Bank's President at that time when world bank loan was received by France.
- 72. (C) The peanuts or groundnut (Arachis hypogaea), is a species in the legume "bean" family (Fabaceae). The cultivated peanut was first domesticated in the valleys of Peru. It is an annual herbaceous plant growing tall.
- 78. (A) Gopal Hari Deshmukh was a social reformer from Maharashtra. At age of 25, Deshmukh started in the weekly Prabhakar under the pen name Lokhitawadi. In the first two years, he penned 108 articles on social reform. That group of articles has come to be known in Marathi literature as Lokhitawadinchi Shatapatre.
- 80. (B) He used cannon and ammunition from the Portuguese to attack the English. In June 1661, Shivaji's soldiers plundered Rajapur and captured several Englishmen. This was payback for the English aid to Bijapur. The following year, he captured a band of Englishmen in Surat for supplying ammunition to his enemies.
- 86. (C) OMOs are the market operations conducted by the Reserve Bank of India by way of sale/purchase of Government securities to/ from the market with an objective to adjust the rupee liquidity conditions in the market on a durable basis.
- 88. (A) Shortly after blackbody radiation was understood. it was noticed that the spectra of stars look extremely similar to

blackbody radiation curves of various temperatures.

- 91. (D) Fiber glass is a fiber reinforced polymer made of a plastic matrix reinforced by fine fibers of glass. It is also known as GFK. Fiber glass is a light weight, extremely strong and robust material. Although strength properties are somewhat lower than carbon fiber and it is less stiff, also the material are much less expensive. Its bulk strength and weight properties are very favourable when compared to metals and it can be easily formed using molding processes. Common uses of fiberglass include high performance aircrafts (gliders), boats, automobiles, baths, hot tubs, water tanks, roofing, pipes, cladding, casts, surfboards and external door skins.
- 94. (A) The electrocardiogram (ECG or EKG) is a diagnostic tool that measures and records the electrical activity by electrodes placed on the skin. The electrocardiogram can measure the rate and rhythm of the heartbeat, as well as provide indirect evidence of blood flow to the heart muscle.
- 99. (B) Text can be aligned with one or both edges of a text frame. Text is said to be justified when it is aligned with both edges. We can justify text in a paragraph including the last line.
- 100. (B) The ABO blood group system is widely credited to have been discovered by the Austrian scientist Karl Landsteiner, who found three different blood types in 1990; he was awarded the Nobel Prize in Physiology or Medicine in 1930 for his work.

102.(A)
$$\tau_{\max} = \frac{pd}{8t} = \frac{10 \times 200}{8 \times 5}$$
$$\tau_{\max} = 50N \ / \ mm^2$$

103.(C)
$$\sigma_c = \sigma_l = \frac{pd}{4t}$$

$$\sigma_c = \frac{pd}{4t}$$

$$500 = \frac{25 \times 200}{4t}$$

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