

KD
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2007, OUTRAM LINES, 1ST FLOOR, NEAR GTB NAGAR METRO STATION, GATE NO. - 2, DELHI-110009

Answer-key & Solution

SSC JE (Civil)
Practice Set-1

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

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*

SOLUTION SSC JE (CIVIL) Practice Set-1

1. (A) Bullet is related to Gun. Similarly Smoke is related to Fire.

2. (B) Monday is related to Moon. Similarly Tuesday is related to Mars.

3. (A) $13 : 5 :: 32 : 24$
 $\begin{array}{ccc} & -8 & \\ \swarrow & & \searrow \\ & -8 & \end{array}$

4. (A) $63 : 9 :: 86 : 14$
 $\begin{array}{ccc} & 6+3=9 & \\ \swarrow & & \searrow \\ & 8+6=14 & \end{array}$

5. (A) $\begin{array}{cccc} & +1 & & +1 \\ \swarrow & & \searrow & \\ & +1 & & +1 \\ \swarrow & & \searrow & \\ & +1 & & +1 \end{array}$ B C D A : S T U R :: K L M J : V W X U

6. (B) $8 : 24 :: 6 : 32$
 $\begin{array}{ccc} & 2 \times 4 = 8 & \\ \swarrow & & \searrow \\ & 3 \times 2 = 6 & \end{array}$

7. (B) N J M P : P L O R :: R T V X : T V X Z
 $\begin{array}{cccc} & +2 & & +2 \\ \swarrow & & \searrow & \\ & +2 & & +2 \\ \swarrow & & \searrow & \\ & +2 & & +2 \end{array}$

8. (D) Whale is a mammal.

9. (D) Fish can live in water only.

10. (D) (A) $9 \frac{1}{11} = \frac{100}{11}$ (B) $7 \frac{9}{13} = \frac{100}{13}$

(C) $5 \frac{15}{17} = \frac{100}{17}$ (D) $5 \frac{6}{19} = \frac{101}{19}$

11. (C) Option is different from all others. Others are following pattern -

1st 2nd 3rd
2nd 3rd 1st
3rd 1st 2nd

12. (A) (A) $\begin{array}{ccc} & +2 & \\ \swarrow & & \searrow \\ & +2 & \end{array}$ R P N (B) $\begin{array}{ccc} & +2 & \\ \swarrow & & \searrow \\ & +2 & \end{array}$ W S U

(C) $\begin{array}{ccc} & +2 & \\ \swarrow & & \searrow \\ & +2 & \end{array}$ H D F (D) $\begin{array}{ccc} & +2 & \\ \swarrow & & \searrow \\ & +2 & \end{array}$ L H J

13. (A) Option A is an order of square & cube number of 8.

8, 64, 512

$8^1, 8^2, 8^3$

14. (D) GREGARIOUS can not be formed using the letters.

15. (B)

16. (D)

17. (D)

3	15	4	$3 \times 4 + 3 = 15$
7	38	5	$7 \times 5 + 3 = 38$
3	?	5	$3 \times 5 + 3 = 18$

18. (B) 144 (132) 121 $\rightarrow 12 \times 11 = 132$

(Multiply the square root of the numbers)

64 (80) 100 $\rightarrow 8 \times 10 = 80$

19. (B) $14 \times 4 - 12 \times 3 = 20$

$9 \times 9 - 13 \times 3 = 42$

$12 \times 8 - 7 \times 11 = 19$

$20 \times 10 - 20 \times 8 = 40$

20. (B) 25/3/96, dates are given in 28 days gaps.

21. (B) $\begin{array}{cccc} & +5 & & +4 & & +3 & & +2 \\ \swarrow & & \searrow & & \searrow & & \searrow & \\ & 480 & & 96 & & 24 & & 8 & & 4 \end{array}$

22. (A)

AGMSY,CIOUA,EKQWC,GMSYE,IUOAG,KQWCI
 $\begin{array}{cccccccc} & +2 & & +2 & & +2 & & +2 & & +2 & & +2 \\ \swarrow & & \searrow & & \searrow & & \searrow & & \searrow & & \searrow & \\ & +2 & & +2 & & +2 & & +2 & & +2 & & +2 \\ \swarrow & & \searrow & & \searrow & & \searrow & & \searrow & & \searrow & \\ & +2 & & +2 & & +2 & & +2 & & +2 & & +2 \end{array}$

23. (D) A O B N, D R E Q, G U H T, J X K W
 $\begin{array}{cccc} & +3 & & +3 & & +3 & & +3 \\ \swarrow & & \searrow & & \searrow & & \searrow & \\ & +3 & & +3 & & +3 & & +3 \\ \swarrow & & \searrow & & \searrow & & \searrow & \\ & +3 & & +3 & & +3 & & +3 \end{array}$

24. (D) rose/rose/rose/rose

25. (D) q t s u / q t s u / q t s u

26. (A) M $\xleftarrow{\text{Sister}}$ K $\xleftarrow{\text{Brother}}$ J
 \downarrow Daughter
N $\xrightarrow{\text{Brother}}$ P

27. (C) $175 \div 25 + 5 \times 20 - 3 \times 10$

$7 + 100 - 30$

$107 - 30 = 77$

28. (A) $2 \times 5 - 6 + 2 = 6$

$10 - 6 + 2 = 6$

$12 - 6 = 6$ (which is true)

29. (A) $\begin{array}{ccc} & \xleftarrow{10 \text{ km}} & \\ & 5 \text{ km} & 5 \text{ km} \\ & \downarrow & \downarrow \\ & 10 \text{ km} & 10 \text{ km} \\ & \downarrow & \downarrow \\ A & 5 \text{ km} & 5 \text{ km} & B \\ & \xrightarrow{20 \text{ km}} & \end{array}$

30. (A) Time of coincide = $\frac{60}{11} \times H$

$= \frac{60}{11} \times 6 = \frac{360}{11} = 32 \frac{8}{11}$ minute.

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31. (C) M A T C H and B O X
 $+1\downarrow +2\downarrow +3\downarrow +4\downarrow +5\downarrow$ $+1\downarrow +2\downarrow +3\downarrow$
 N C W G M C Q A

Similarly, N O T E B O O K
 $+1\downarrow +2\downarrow +3\downarrow +4\downarrow +5\downarrow +6\downarrow +7\downarrow +8\downarrow$
 O Q W I G U V S

32. (D)

33. (D) _ _ J _ Q P N L
 \downarrow \downarrow \curvearrowright \curvearrowleft
 3rd 5th

34. (D) 145 100 64 37 **19**
 $\downarrow -45$ $\uparrow -36$ $\uparrow -27$ $\uparrow -18$ \uparrow

35. (D) Assume fruits in second Basket = x
 So, fruits in first Basket = $2x$

fruits in third Basket = $2x \times \frac{3}{4} = \frac{3}{2}x$

$$\frac{x + 2x + \frac{3}{2}x}{3} = 30$$

$$\Rightarrow x + 2x + \frac{3}{2}x = 90$$

$$2x + 4x + 3x = 180$$


$$\Rightarrow 9x = 180$$

$$x = 20$$

Fruits in first Basket = $20 \times 2 = 40$

36. (C)

37. (A)

38. (C) Female —  — Doctor
 Mother

39. (D)

40. (C)

41. (D) The day will be Saturday

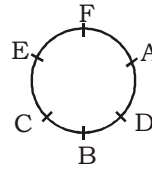
42. (D)

43. (B) M A N = 28 R A N
 $13 + 1 + 14 = 28$ $18 + 1 + 14 = 33$

44. (C) b o o k = c q r o
 $+1\downarrow$ $+2\downarrow$ $+3\downarrow$ $+4\downarrow$

Similarly, a u t h o r = b w l t x
 $+1\downarrow$ $+2\downarrow$ $+3\downarrow$ $+4\downarrow$ $+5\downarrow$ $+6\downarrow$

45. (B)



46. (C) Pass students = $14 + 27 - 1 = 40$
 Fail = 6
 Total students = 46