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

Answer-key & Solution

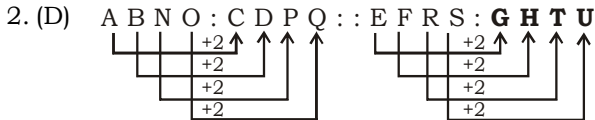
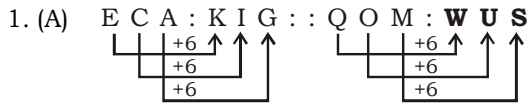
SSC JE (CIVIL)
Practice Set-16

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

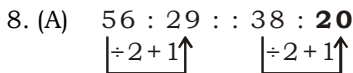
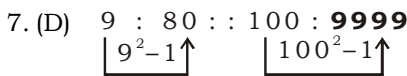
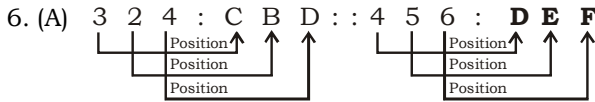
Note : *If your opinion differ regarding any answer, please message the mock test and Question number to 8375805483*

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

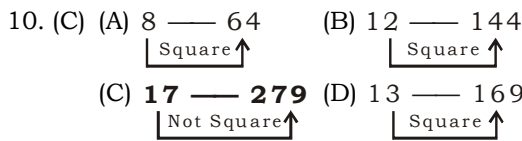
SOLUTION SSC JE (CIVIL) Practice Set-16



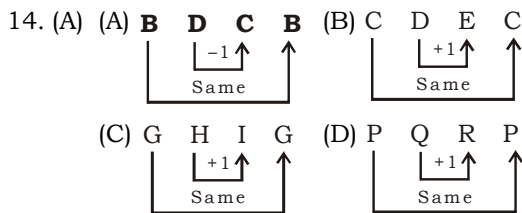
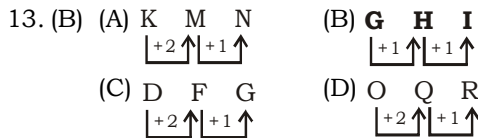
3. (A) 4. (B) 5. (B)



9. (A) Except option (A) all are perfect square



11. (B) All are types of clothes
 12. (C)



15. (D) (A) 589 ⇒ 5 + 8 + 9 = 22
 (B) 886 ⇒ 8 + 8 + 6 = 22
 (C) 697 ⇒ 6 + 9 + 7 = 22
 (D) 398 ⇒ 3 + 9 + 8 = 20

16. (D)

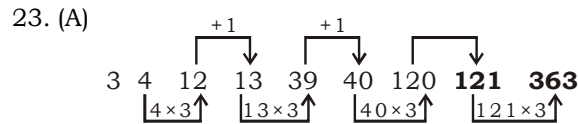
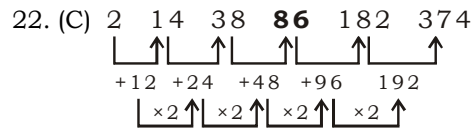
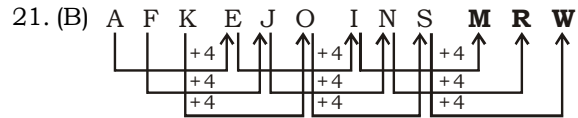
Package	Palace	Passport	Patience	Picture
3	5	1	4	2

17. (C) 1, 4, 7 ; 2, 3, 6 ; 5, 8, 9

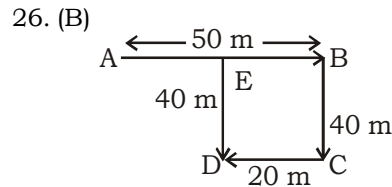
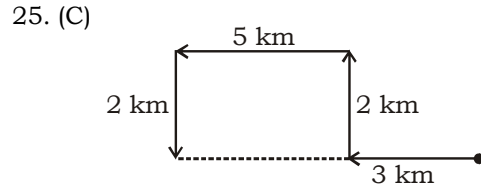
18. (A)

Root	Stem	Leaf	Bud	Flower
4	1	2	5	3

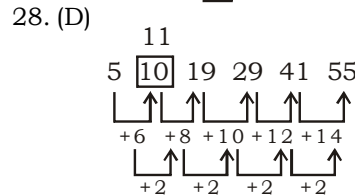
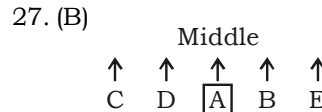
19. (A)



24. (B) p q / r r p q / r r p q / r r



Required distance AE
 AB - EB (where EB = DC)
 = 50 m - 20 m = 30 m



29. (C)

Present age	Their age 8 years later
Son x	$x + 8$
Mr. Rao $12x$	$12x + 8$

Now $12x + 8 = 4(x + 8)$
 $8x = 24$

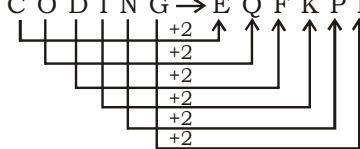
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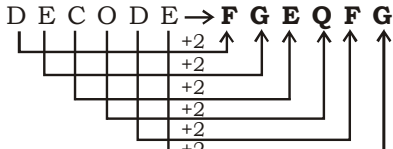
$x = 3$ years
present age of Mr. Rao
 $= 12x = 12 \times 3 = 36$ years

30. (C) Mohan's rank from bottom
 $20 - 13 + 1 = 8$

31. (B) Required average age
 $= \frac{40 \times 8 - 55 + 39}{8} = \frac{304}{8} = 38$ years
 $= 38$ years

32. (B) C O D I N G → E Q F K P I


Similarly,

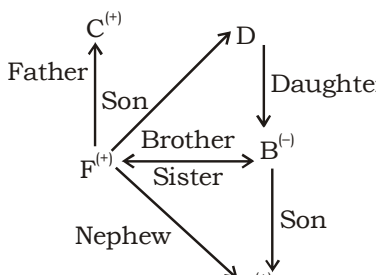
D E C O D E → F G E Q F G


33. (A) T W E N T Y and E L E V E N
 $\begin{matrix} \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ 8 & 6 & 3 & 9 & 8 & 5 & & 3 & 2 & 3 & 0 & 3 & 9 \end{matrix}$

then,

$\begin{matrix} T & W & E & L & V & E \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ 8 & 6 & 3 & 2 & 0 & 3 \end{matrix}$

34. (B) Sunita
Rashmi
Shyam
Radha
Geeta
↑

35. (A)


A is the Son of B and B is the Sister of F.
So A will be Nephew of F.

36. (D) NEST

37. (D) REFER

38. (B) 39. (C) 40. (D)

41. (B) $(4 \times 7) + (12 \div 3) = 32$
 $(5 \times 8) + (11 \div 1) = 51$
Similarly,
 $(9 \times 3) + (6 \div 2) = 30$

42. (A) $7 \times 9 \times 3 = 189$

$8 \times 4 \times 9 = 288$

Similarly,

$9 \times 5 \times x = 90$

$45x = 90$

$x = 90 \div 45 = 2$

43. (D) $30 \div 10 \times 12 - 8 + 12 = 40$

$3 \times 12 - 8 + 12 = 40$

$36 - 8 + 12 = 40$

$36 + 12 - 8 = 40$

$48 - 8 = 40$

$40 = 40$

44. (A)

45. (B) $133 = 70 \Rightarrow 1 + 3 + 3 = 7 \times 10 = 70$

$426 = 120 \Rightarrow 4 + 2 + 6 = 12 \times 10 = 120$

Similarly,

$565 = 5 + 6 + 5 = 16 \times 10 = 160$

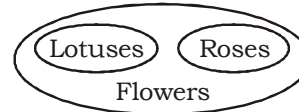
46. (C)

47. (C)

48. (A)

49. (C)

50. (D)



111. (A) Whole circle bearing = $327^\circ 24'$

Quadrantal bearing = $360 - 327^\circ 24'$

= $N32^\circ 36'W$

112. (C) Bearing = $N34^\circ 30'W$

= $360 - 34^\circ 30'$

= $325^\circ 30'$

Back Bearing = $325^\circ 30' - 180^\circ$

= $145^\circ 30'$

= $S34^\circ 30'E$

113. (C) Bearing = $N15^\circ 28'W$

Whole circle bearing = $360 - 15^\circ 28'$

= $344^\circ 32'$

155. (D) $w = 40\%$, $G = 2.7$, $e = 1.2$

$S.e = wG$

$S = \frac{.40 \times 2.7}{1.2} \times 100 = 90\%$