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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) MOCK -(55)*  
*Date 09 / 07 / 2016*

1. C	26. A	51. C	76. B	101. B	126. C	151. A	176. C
2. D	27. C	52. D	77. C	102. A	127. A	152. D	177. C
3. A	28. A	53. C	78. C	103. D	128. C	153. C	178. D
4. D	29. D	54. C	79. B	104. C	129. A	154. A	179. A
5. C	30. A	55. C	80. A	105. A	130. A	155. A	180. A
6. C	31. A	56. C	81. B	106. C	131. A	156. D	181. D
7. D	32. A	57. D	82. C	107. A	132. D	157. A	182. A
8. B	33. D	58. B	83. B	108. D	133. A	158. A	183. A
9. C	34. B	59. B	84. A	109. A	134. C	159. B	184. A
10. D	35. D	60. A	85. A	110. D	135. B	160. D	185. D
11. B	36. C	61. A	86. B	111. D	136. A	161. C	186. D
12. D	37. A	62. D	87. B	112. C	137. D	162. D	187. C
13. B	38. B	63. B	88. B	113. C	138. B	163. A	188. C
14. C	39. A	64. B	89. C	114. B	139. D	164. B	189. C
15. A	40. C	65. D	90. C	115. D	140. C	165. D	190. D
16. C	41. C	66. A	91. A	116. B	141. B	166. B	191. B
17. A	42. A	67. D	92. A	117. B	142. A	167. A	192. A
18. B	43. A	68. C	93. A	118. C	143. A	168. A	193. C
19. B	44. D	69. A	94. C	119. B	144. A	169. A	194. B
20. C	45. C	70. C	95. D	120. B	145. D	170. B	195. A
21. C	46. D	71. A	96. B	121. A	146. C	171. A	196. C
22. B	47. C	72. C	97. A	122. A	147. D	172. B	197. D
23. D	48. B	73. A	98. A	123. C	148. A	173. A	198. C
24. B	49. D	74. C	99. A	124. B	149. C	174. B	199. C
25. A	50. C	75. C	100. B	125. B	150. C	175. C	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) MOCK TEST no. 55**

1.(C) Andhra Pradesh is called 'Rice bowl of India'. Similarly, Mumbai is called 'Manchester of India'.

2.(D) Calcium is found in milk. Similarly, protein is found in pulses.

3.(A)  $36 : 144 :: 576 : 2304$   
 $(6)^2 : (12)^2 :: (24)^2 : (48)^2$   
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$   
 $\times 2 \quad \times 2 \quad \times 2 \quad \times 2$

4.(D)  $55 : 26 :: 13 : 4$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $(5 \times 5 + 1) \quad (1 \times 3 + 1)$

5.(C)

6.(C) The addition of the digits  $11529 = 1 + 1 + 5 + 2 + 9 = 18$ ,  $72135 = 7 + 2 + 1 + 3 + 5 = 18$  and  $152943 = 1 + 5 + 2 + 9 + 4 + 3 = 24$ .

Similarly, the addition of the digits 213549 will be  $= 2 + 1 + 3 + 5 + 4 + 9 = 24$

7.(D)  $8 : 28 :: 27 : 65$   
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$   
 $(2)^3 \quad (3^3 + 1) \quad (3)^3 \quad (4^3 + 1)$

8.(B)

9.(C)

10.(D)  $B D A C : F H E G :: N P M O : R T Q S$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+1 \quad +1 \quad +1 \quad +1 \quad +1 \quad +1 \quad +1 \quad +1 \quad +1 \quad +1$

11.(B)

12.(D)

13.(B) Remaining are related to circle

14.(C) (A)  $Z X V T$  (B)  $U S Q O$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $-2 \quad -2 \quad -2 \quad -2 \quad -2 \quad -2 \quad -2 \quad -2$

(C)  $D E F G$  (D)  $P N L J$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+1 \quad +1 \quad +1 \quad +1 \quad -2 \quad -2 \quad -2 \quad -2$

15.(A) (A)  $A F C G$  (B)  $D I G L$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+5 \quad -3 \quad +4 \quad +5 \quad +5 \quad -2 \quad +5 \quad +5$

(C)  $I N L Q$  (D)  $O T R W$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+5 \quad -2 \quad +5 \quad +5 \quad -2 \quad -2 \quad +5 \quad +5$

16.(C) (A)  $6 : 34$  (B)  $12 : 64$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $\times 5 + 4 \quad \times 5 + 4$

(C)  $20 : 96$  (D)  $09 : 49$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $\times 5 - 4 \quad \times 5 + 4$

17.(A) Others produce something new, but barber does not make any new thing.

18.(B) (A)  $62 - 37 = 25$   
 (B)  $74 - 40 = 24$   
 (C)  $85 - 60 = 25$   
 (D)  $103 - 78 = 25$

19.(B)

20.(C) All others have '=' sign too.

21.(C)  $A G M B H N C I O D J P$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+1 \quad +1 \quad +1 \quad +1 \quad +1 \quad +1 \quad +1 \quad +1$

22.(B)  $2 \quad 7 \quad 27 \quad 107 \quad 427$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $(\times 4 - 1) \quad (\times 4 - 1) \quad (\times 4 - 1) \quad (\times 4 - 1)$

23.(D)  $5 \quad 7 \quad 11 \quad 19 \quad 35 \quad 67$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+2 \quad +4 \quad +8 \quad +16 \quad +32$   
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$   
 $\times 2 \quad \times 2 \quad \times 2 \quad \times 2$

24.(B)

$242 \quad 393 \quad 4164 \quad 5255$   
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$   
 $+1 \quad +1 \quad +1$

and the middle digit is the product of side digits.

25.(A)

26.(A)

27.(C)

28.(A)  $5293723924137265412463287$

29.(D)(A)  $P \quad R \quad T \quad V \quad X \quad Z$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+2 \quad +2 \quad +2 \quad +2 \quad +2 \quad +2$

(B)  $Z \quad B \quad D \quad F \quad H \quad J$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+2 \quad +2 \quad +2 \quad +2 \quad +2 \quad +2$

(C)  $C \quad E \quad G \quad I \quad K \quad M$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+2 \quad +2 \quad +2 \quad +2 \quad +2 \quad +2$

(D)  $M \quad O \quad R \quad T \quad V \quad X$   
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$   
 $+2 \quad +3 \quad +2 \quad +2 \quad +2 \quad +2$

30. (A) Paragraph Paramedic Paramount

$5 \quad 2 \quad 1$   
Parasite Parasitic  
 $3 \quad 4$

31. (A) Story Script Dialogue Shooting

$3 \quad 5 \quad 1 \quad 2$   
Editing Preview Screening  
 $4 \quad 6 \quad 7$

32.(A)

According to 1st statement,  
 $\Rightarrow$  According to Age,  
 Fatima > Banu > Anehu ..... (i)

Again,  
 According to 2nd statement,

$caroline = \frac{Anehu}{2} = 2 \times Daina$

$\Rightarrow$  According to Age,  
 Anehu > Caroline > Daina.....(ii)

So, From (i) and (ii)

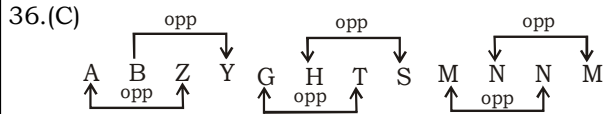
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we get,

The oldest person is Fatima & the youngest person is Daina

- 33.(D) ef/ee f f/eee f ff/e ee e/f f ff  
 34.(B) c a/cca a/ccca a a/ cccc/ a aaa  
 35.(D) We do not know the nature of the year whether it is leap year or not. So we can not get the answer.



- 37.(A) Total strength of the class =  $(31 + 11 - 1) + 3$  (Not appeared) + 1 (failed)  
 =  $31 + 10 + 3 + 1 = 45$

3            8            .            (            B            )

P O R R I D G E → E G P O D I R R  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧    ⑧ ⑦ ① ② ⑥ ⑤ ④ ③

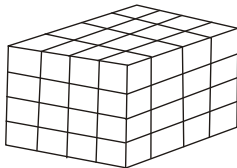
Similarly,

P R E S T I G E → E G P R I T S E  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧    ⑧ ⑦ ① ② ⑥ ⑤ ④ ③

- 39.(A) In 1 hour distance =  $25 + 35 = 60$  kms  
 in 15 minutes distance =  $\frac{60}{4} = 15$  kms

40.(C)

41.(C)

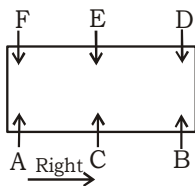


Total number of cubes =  $x^3 = 4^3 = 64$

42.(A)

43.(A)

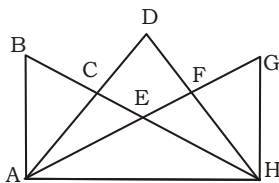
44.(D)



45.(C)

46.(D)

47.(C)



There are 14 triangles in the above diagram- ABC, ACE, AEH, EFH, FGH, ABE, ACH, EGH, ADF, CDH, AFH, ABH, ADH and AGH.

48.(B)  $10 \xrightarrow{\times 3/2} 15 \xrightarrow{\times 2} 30 \xrightarrow{\times 3/2} 45 \xrightarrow{\times 2} 90$

- 50.(C) The numerical groups of the given word-  
 H- 03, 10, 22, **34**, 41  
 E- 00, **12**, 24, 31, 43  
 N- 57, 69, 76, **88**, 95