

**RISHI ACADEMY OF COMPETITIVE EXAMS**  
**IBPS Clerk Preliminary 2021. ICP-2021-090020**

**SOLUTION**

1. (1) Replace qualities' with 'qualilty'
2. (3) Replace 'but' with 'yet'
3. (3) Replace 'contributions' with 'contribution'
4. (2) Replace 'demands' with 'demand'.
5. (5)
6. (4) Use 'the' before USA.
7. (2) Replace 'than' with 'to'.
8. (2) Replace is' with 'are'
9. (4) Delete him'
10. (2) Replace' to' with 'too'.
11. (3)
12. (1)
13. (2)
14. (4)
15. (5)
16. (3)
17. (2)
18. (3)
19. (3)
- 20 (2)
21. (2)
22. (1)
23. (3)
24. (4)
25. (2)
26. (3)
27. (5)
28. (4)
29. (1)
30. (2)
31. (5) 32. (4)

B	A	I	O	R	V	E	U
%	?	7	B	@	5	#	%
ALBERT-?B\$ a 7							

33. (2) Original number 69 4 7 3 8 5  
Modified number 3 4 5 6789  
Only 8 retains its original position
34. (5) It all others the lower case letters are vowels

35. (2) Third letter - N  
 Sixth letter - S  
 Eighth letter - E  
 Tenth letter - T  
 Possible meaningful words are SENT, TENS, NEST and NET

(36-40)

.Story financial economy	-	mo tic su ... (1)
Financial inclusion needed	-	da ra su.... (2)
Economy crisis inclusion	-	ye da mo .... (3)
From (1) and (2) financial	-	su
From (1) and (3) economy	-	mo
Now, from (1) strong	-	tic
From (2) and (3) inclusion	-	da
From (3) needed	-	ra
From (3) crisis	-	ye

36. (2); 37. (3); 38. (1);  
 Economy - inclusion  
 Mo da

39. (4) Ye tic ra  
 Crisis strong needed

40. (1) Economy needed recovery  
 Mo ra za

41. (1)

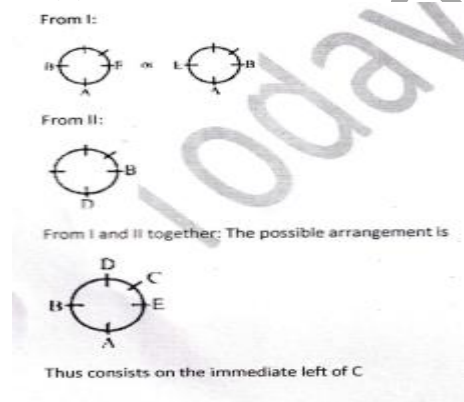
42. (3)

43. (4)

44. (2) After modification seating arrangement would be like this

45. (3)

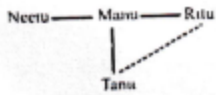
46. (5)



Hence both I and II together are necessary.

47. (3) From I: Since C is lighter than only B.  
 Clearly B is the heaviest.  
 Hence only 1<sup>st</sup> sufficient.  
 From ii: B > C > A  
 D must be the heaviest  
 Thus II alone is sufficient

48. (3) From I:



Ritu is to the north-east of Tanu

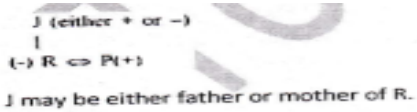
Hence only I alone is sufficient.

From II: Anu - Tinku

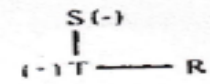
Tinku is to the north-east of Tanu

Thus II alone is sufficient.

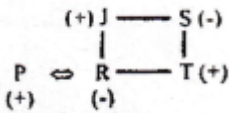
49. (5) From I:



From II:



From I and II together



S is R's mother and thus P is son-in-law of S.

Hence both I and II together are necessary.

50. (4) From I: Tasty yummy fruity - mo ni ka (1)

Always love ice cream -tic die ra ..... (2)

From II:

Fruity is always tasty - ni su tic mo

From I & II together:

From (1) and (3),

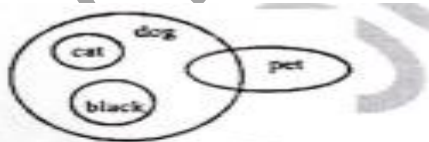
Tasty fruity - mo ni

But still we cannot find the exact code for tasty

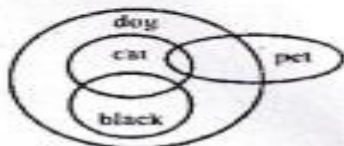
thus both I & II together are not sufficient

51. (2)

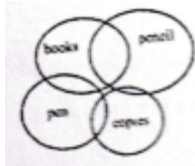
52. (1)



22. (1):



53. (1)



54. (2) From the above Venn-diagram only II follows.

55. (4)

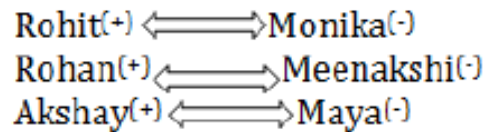
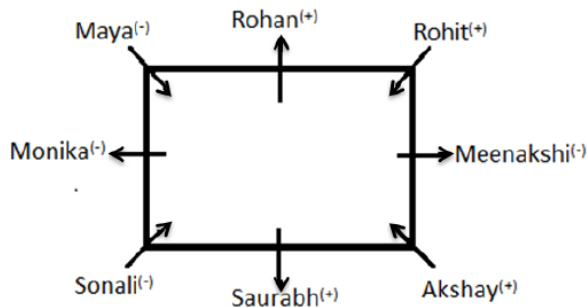


None follows

(56-60):

Teacher	Subject	Fruit
A	Physics	Guava
B	History	Grapes
C	Hindi	Apple
D	Botany	Mango
E	English	Banana
F	Maths	Orange

56. (2) 57. (4) 58. (1) 59. (1) 60. (3)  
(61-65)



61. (5) 62. (3) 63. (3) 64. (1) 65. (5)

66. (3) Let the missing number be x

$$\therefore x \div 69 \times 26 = 754$$

$$= \frac{x}{69} \times 26 = 754$$

$$= x = \frac{754 \times 69}{26} = 2001$$

67. (1)  $17 \times 17^4 = 17^{12+4} = 17^{16}$

68. (2)  $556.65 + 65.65 + 56.65 = 678.95$

69. (3)  $3328 - (64 \times 0.80) = 3328 \div 51.2 = 65$

70. (5)  $5\frac{3}{5} \times 2\frac{6}{7} = \frac{28}{5} \times \frac{20}{7} = 16$

71. (2)  $801 - 10 \div 0.45 = 80.1 \div 0.45 = 178$

72. (4) Let the missing number be x.

Si nee,  $56\% \text{ of } 616 - x\% \text{ of } 482 = 103.96$

$$= \frac{56}{100} \times 616 - \frac{x}{100} \times 482 = 103.96$$

$$= \frac{1}{100} (56 \times 616 - 48.2x) = 103.96$$

$$= 34496 - 482x = 103.96 \times 100$$

$$= 482x = 34496 - 10396$$

$$= x = \frac{24100}{482} = 50$$

73. (2)  $6.8 \times 8.8 \times 11.9 - 202.596$

$$= 712.096 - 202.596 = 509.5$$

74. (3)  $33.03 \times 5.5 + 18.95 = 181.655 + 1895 = 200.615$

75. (1)  $4785 - 3249 + 2156 = 6941 - 3249 = 3692$

76. (2)

77. (5)  $456 - 24 + 324 \times 17 = 19 + 5508 = 5527$

78. (4)

$$23\frac{8}{9} + 15\frac{7}{9} - 12\frac{1}{3} \times \frac{2}{3}$$

$$= \frac{215}{9} + \frac{142}{9} - \frac{74}{9} = \frac{283}{9} = 31\frac{4}{9}$$

79. (3)  $99 - 9 - 0.5 = ?$

$$\frac{99}{9} \div 0.5$$

$$+? = ? = 11 \div 0.5$$

$$= 22 \therefore ? = 22$$

80. (1)  $2205 \div (14 \times 2.5) = ?$

$$\frac{2205}{14 \times 2.5}$$

$$= ? = \frac{2205 \times 10}{14 \times 25} = \frac{2205}{35} = 63$$

81. (5)  $96423 + 42380 = ? + 66205$

$$= ? = 96423 + 42380 - 66205$$

$$= 772598$$

82. (2)  $8248 + 4364 = ? \times 20$

$$= 12612 = ? \times 20$$

$$\therefore ? = \frac{12612}{20} = 630.6$$

83. (3)

$$\sqrt{?} = \sqrt{6724} - 34$$

$$= \sqrt{?} = 2 \times 41 - 34$$

$$= \sqrt{?} = 82 - 34$$

$$= \sqrt{?} = 48$$

$$? = (48)^2 = 2304$$

84. (1)  $31^{11.3} \times 31^{4.7} = 31^{2 \times ?}$

$$= 31^{11.3+4.7} = 31^{2 \times ?}$$

$$= 11.3 + 4.7 = 2 \times ?$$

$$= 16.0 = 2 \times ?$$

$$\frac{16}{2} = ?$$

$$? = 8$$

85. (4)

$$6\frac{2}{5} \div 28\frac{4}{25} = ?$$

$$= ? = \frac{32}{5} \times \frac{25}{704}$$

$$\therefore ? = \frac{5}{22}$$

86. (3)

$$\frac{\sqrt{?}}{40} = \frac{1}{8}$$

$$= ? = \sqrt{?} = \frac{1}{8} \times 40$$

$$= ? = \sqrt{?} = 5$$

$$\therefore ? = 25$$

87. (1)  $\sqrt{625} + \sqrt{484} = 25 + 22 = 47$

88. (5)  $(1024 - 362 - 214) \div (786 - 730) = ?$

$$= 448 \div 56 = ?$$

$$\therefore ? = 8$$

89. (2)  $2530 \div ? \cdot 10 = 12.65$

$$= ? \frac{2530}{10 \times 12.65}$$

$$= 20$$

90. (3)  $2704 \div 2 \times ? = 31096$

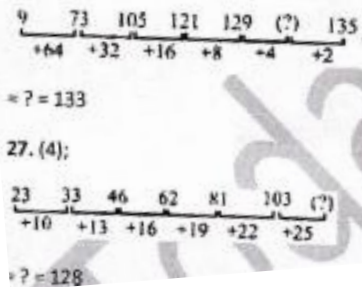
$$= ? = \frac{2704}{2} \times ? = 31096$$

$$= ? = \frac{31096 \times 2}{2704}$$

$$\therefore ? = 23$$

91. (3)

92. (4)



93. (4) Cost of 13 kg apple =  $\frac{360 \times 2}{9} \times 13$

= Rs. 520

94. (3) Let the score of Rahul be R and that of Tanvi be T.

∴ According to the question.

$R - T = 12$  .....(1)

$$\frac{T}{R} = \frac{3}{4}$$

Or,  $T = \frac{3R}{4}$

Also,

Putting the value of T in equation (1)

$$R - \frac{3R}{4} = 12$$

=  $R = 48$ .  $T = 48 + 36 = 84$

95. (2) According to the question

$$\frac{R}{U} = \frac{24 - 8}{36 - 8}$$

$$= \frac{R}{U} = \frac{16}{28} = \frac{4}{7}$$

$R : U = 4 : 7$

96. (3) Given word is TASTE

Total letters in the word = 5

So, the letters can be arranged =  $\frac{5!}{2!}$  ways

$$= \frac{5 \times 4 \times 3 \times 2 \times 1}{2 \times 1} = 60$$

97. (5): Let the first odd number be x.

then the other odd number would be  $x + 2$

∴  $x(x + 2) = 6723$

=  $x^2 + 2x = 6723$

=  $x^2 + 2x - 6723 = 0$

=  $x^2 + 2x - 6723 = 0$

=  $x^2 + 83x - 81x - 6723 = 0$

=  $x(x + 83) - 81(x + 83) = 0 = (x + 83)(x - 81) = 0$

=  $(x + 83)(x - 81) = 0$

=  $x - 81 = 0$

∴  $x = 81$

Hence, greater number =  $x + 2 = 81 + 2 = 83$

98. (1) Let the number be x .

∴ 31% of x - 13% of x = 576

= 18% of x = 576

$$\frac{18}{100} x = 576$$

$$x = \frac{576 \times 100}{18}$$

∴  $x = 3200$

Now, 17% of x =  $3200 \times \frac{17}{100} = 544$

$$\begin{aligned} 99. (2) \text{ Speed} &= \frac{\text{distance}}{\text{time}} \\ &= \frac{690}{30} = 23\text{km/hr} \end{aligned}$$

100. (5) Let the age of the man be  $11x$

$\therefore$  age of the boy =  $5x$

$$\text{So, average age} = \frac{11x + 5x}{2} = 40$$

$$= \frac{16x}{2} = 40$$

$$= \frac{40 \times 2}{16} = 5$$

Son's age =  $5x = 5 \times 5 = 25$  years.