

RISHI ACADEMY OF COMPETITIVE EXAMS

IBPS Clerk Preliminary 2021. ICP-2021-090022

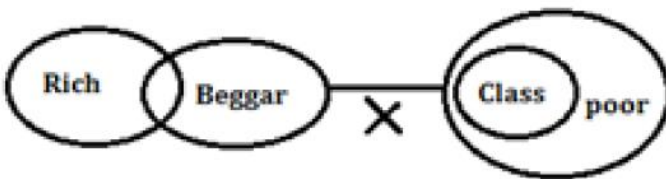
SOLUTION

1. (3) It is clearly given in the last passage that 'Inwardly focused employees can have difficulty seeing the very forces that present threats and opportunities'. From this we can infer that (3) is not the characteristic of bureaucratic culture. Hence (3) is the correct option.
 2. (4) According to the passage, planning and problem solving are the important aspects of the management and not leadership. Hence, (4) is the correct option.
 3. (2) It is given in the second paragraph of the passage that '.....as we created thousands and thousands of large organisations ..., we didn't have enough good managers to keep all those bureaucracies functioning....'. From this we can easily infer that (b) is the correct option.
 4. (5) In order to give reason for emphasizing on management education, It is given in the last line of second paragraph that '....management was the main item on the twentieth century agenda because that's what was needed....' from this we can infer that (5) is the correct option.
 5. (5) Author defines management as 'a set of processes that can keep a complicated system of people and technology running smoothly' no option goes with the meaning of the same. Hence (5) is the correct option.
 6. (4) In the first paragraph of the given passage, author has introduced various aspects of leadership over those of management after which he says 'Successful transformation is 70 to 90 per cent leadership and only 10 to 30 per cent management'. From this we can conclude that (4) is the most appropriate option.
 7. (3) It is given in the first paragraph of the passage that 'Leadership defines what the future should look like, aligns people with that vision, and inspires them to make it happen despite the obstacles.'. Hence, (3) is the correct option.
 8. (3) In the second paragraph it is given that '.....people were encouraged to learn management on the job. And they did. But, people were taught little about leadership.....'. From this, we can infer that the main focus was on management studies. Hence, (3) is the most appropriate option.
 9. (1) 'smother' means 'a feeling of being trapped and oppressed'. Hence, 'suppress' is the word which is similar in meaning to it.
 10. (2) 'nurtured' means 'care for and protect (someone or something) while they are growing.'. Hence, 'developed' is the word which is opposite in meaning to it.
 11. (4) 'compulsive, elements' is the correct use.
Compulsive – impossible to control or stop.
Elements – an essential or characteristic part of something abstract.
 12. (2) 'optimum, awareness' is the correct use.
Optimum – most conducive to a favourable outcome.
Awareness – knowledge or perception of a situation or fact.
 13. (1) 'element, exhibits' is the correct use.
Element – an essential or characteristic part of something abstract.
Exhibits – manifest clearly (a quality or a type of behaviour).
 14. (5) 'laudable, inaccessible' is the correct use.
Laudable – (of an action, idea, or aim) deserving praise and commendation.
Inaccessible – capable of being reached with great difficulty or not at all.
 15. (1) 'recount, steered' is the correct use.
Recount – tell someone about something.
Steered – guide or control the movement of.
- For questions (16 – 20): The correct sequence to form a meaningful paragraph is EGBDFCA.
16. (1) 17. (3) 18. (5) 19. (1) 20. (1)
 21. (3) Replace 'for my conduct' with 'at my conduct'.
 22. (2) Replace 'this loss to the workers' with 'the workers for this loss'.
 23. (1) Replace 'should be wear on every ride' with 'should be worn on every ride'.

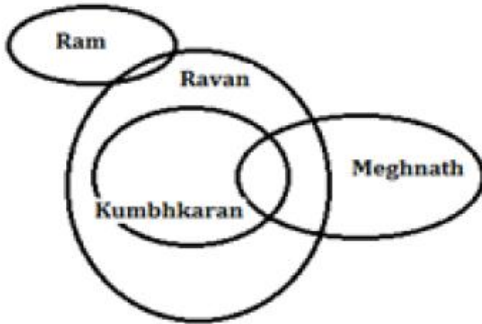
24. (1) Replace 'is the first time the governor has admitted' with 'was the first time the governor admitted'.
 25. (2) Replace 'are much slower' with 'is much slower'.
 26. (5)
 27. (1)
 28. (2)
 29. (1)
 30. (1)
 (31 – 35)

Person	Serial	Floor
John	Parvarish	IV
Starc	Diya aur bati	III
Mickle	Tere Liye	V
Simon	Ye hain mohabbatein	VII
Albert	Siya ke Ram	I
Joe	Sasural simar ka	VI
Mark	Naagin	II

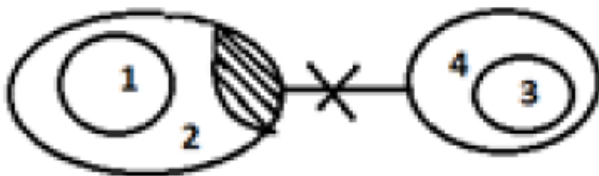
31. (3) 32. (1) 33. (2) 34. (2) 35. (3)
 36. (4)



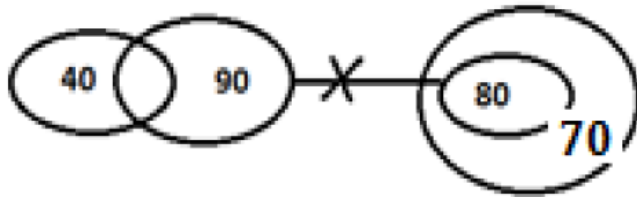
37. (2)
 38. (5)



39. (1)



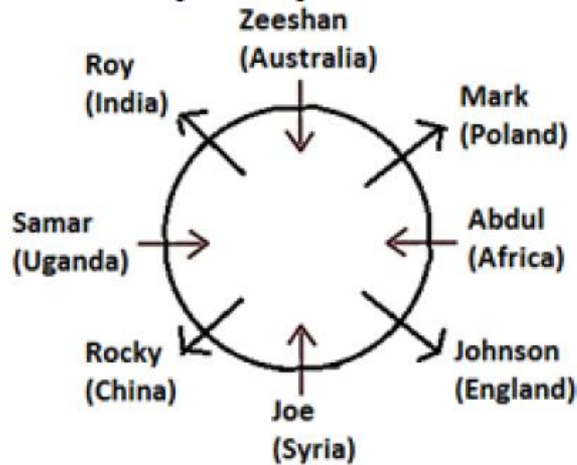
40. (5)



(41 – 45)

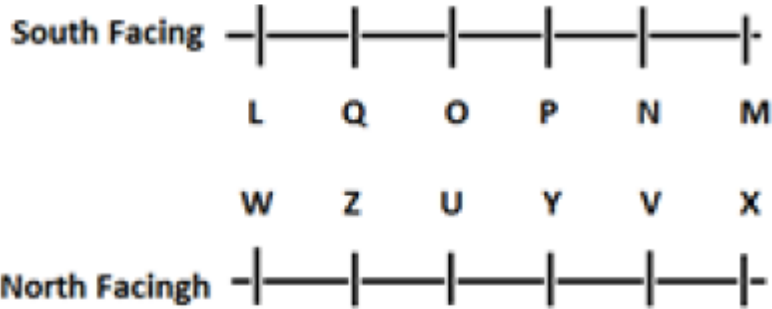
Period	→	mo
working	→	ti
Critical	→	su
Time/is	→	zo / ra
person	→	nic
down	→	ye
going	→	fa
hiked/growth	→	koo/da
effect	→	chi
rates	→	phi

41. (4) 42. (4) 43. (5) 44. (3) 45. (2)
- (46 – 50)

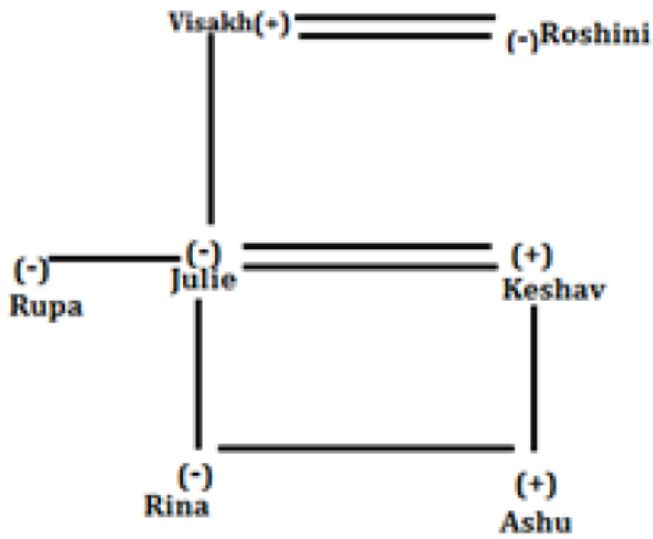


46. (3) 47. (3) 48. (2) 49. (5) 50. (1)
51. (2) I. $D > B \leq A$ (False)
 II. $E \geq D > B = C$ (True)
52. (5) I. $L > U > Z$ (True)
 II. $K \leq U < R$ (True)
53. (1) I. $J = P \geq R > I$ (True)
 II. $Y < R$ (False)
54. (4) I. $T < K > M = N$ (False)
 II. $V \geq K > M > S$ (False)
55. (1) I. $F \leq X \leq E$ (True)
 II. $R < X \geq F$ (False)

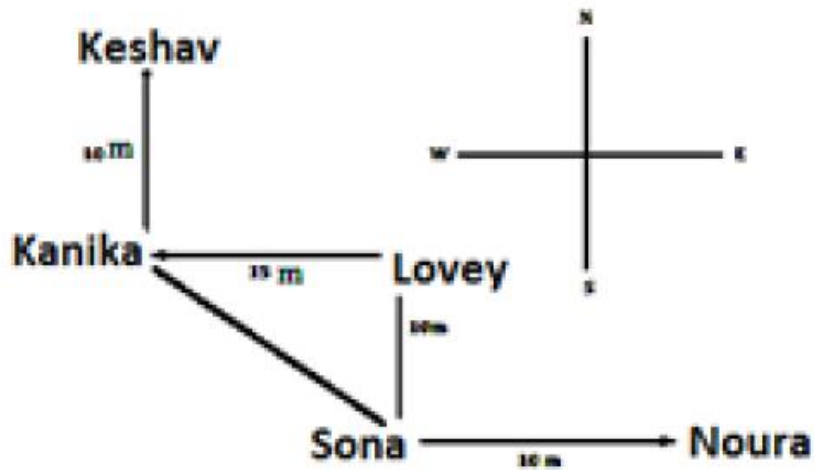
(56 – 60)



56. (4)
(61 – 63)
57. (2)
58. (2)
59. (3)
60. (2)



61. (1)
(64 – 65)
62. (4)
63. (2)



64. (2)
65. (2)
66. (1)

$$\text{In 5 days work done by A} = \frac{5}{20} = \frac{1}{4}$$

$$\text{Remaining work} = 1 - \frac{1}{4} = \frac{3}{4}$$

Let work done by B = x days

$$\therefore \frac{3}{4} \times x = 10$$

$$x = \frac{40}{3}$$

$$\therefore \text{Required days} = \frac{1}{\frac{1}{20} + \frac{3}{40}} = \frac{1}{\frac{5}{40}} = \frac{40}{5} = 8 \text{ days}$$

67. (3)

The sum of last three no's

$$= (20 \times 8) - \left[(2 \times 15.5) + 3 \times \frac{64}{3} \right]$$

$$= 160 - 31 - 64$$

$$= 65$$

Let 6th No. = x

$$\therefore 7^{\text{th}} \text{ No.} = x + 4$$

$$8^{\text{th}} \text{ No.} = x + 7$$

$$\therefore x + (x + 4) + (x + 7) = 65$$

$$3x = 54$$

$$x = 18$$

$$\therefore 8^{\text{th}} \text{ No.} = 18 + 7 = 25$$

68. (1)

Let average age of new students = x yr.

$$15.20 = \frac{40 \times 15 + 10 \times x}{40 + 10}$$

$$15.20 = \frac{600 + 10x}{50}$$

$$760 = 600 + 10x$$

$$10x = 160$$

$$x = 16 \text{ yr.}$$

69. (5)

Let sum = x

$$x \times \frac{15}{12} \times 7.5 \times \frac{1}{100} - x \times 12.5 \times \frac{8}{12} \times \frac{1}{100} = 3250$$

$$\frac{3}{32}x - \frac{x}{12} = 3250$$

$$\frac{9x - 8x}{96} = 3250$$

$$x = 96 \times 3250$$

$$x = 312000$$

70. (1)

Let sums be x, y and z .

$$\therefore \frac{x \times 6 \times 10}{100} = \frac{y \times 10 \times 12}{100} = \frac{z \times 12 \times 15}{100}$$

$$x \times \frac{3}{5} = y \times \frac{6}{5} = z \times \frac{9}{5}$$

$$3x = 6y = 9z$$

$$\therefore \frac{x}{y} = \frac{2}{1}, \frac{y}{z} = \frac{3}{2}$$

$$x : y : z = 6 : 3 : 2$$

71. (4) $5! = 120$

72. (1)

; Let breadth = x cm

\therefore length = $(x + 1)$ cm

\therefore diagonal = 29

$$\sqrt{x^2 + (x + 1)^2} = 29$$

$$\sqrt{x^2 + x^2 + 1 + 2x} = 29$$

$$2x^2 + 2x + 1 = 841$$

$$2x^2 + 2x - 840 = 0$$

$$x^2 + x - 420 = 0$$

$$\therefore x = -21, +20 \quad [x \neq -21]$$

$$\therefore \text{Area} = 20 \times 21 = 420 \text{ cm}^2$$

73. (2)

; Area of four walls = $2(\ell + b) \times h$

$$= 2(16 + 7) \times 8$$

$$= 46 \times 8$$

$$= 368 \text{ m}^2$$

\therefore After excluding doors and window,

$$\text{Area} = (368 - 65) \text{ m}^2 = 303 \text{ m}^2$$

$$\therefore \text{Required cost} = 7.5 \times 303 = 2272.5$$

74. (1)

; Let profit % made by 2nd = $x\%$

$$\therefore 38 = 20 + x + \frac{20x}{100}$$

$$18 = x + \frac{x}{5}$$

$$18 = \frac{5x + x}{5}$$

$$6x = 90$$

$$x = 15\%$$

75. (3) Let their salaries be $5x, 2x$ and $7x$

$$\therefore 5x = 3600$$

$$x = 720$$

$$\therefore \text{Required amount} = 9x = 9 \times 720 = 6480$$

76. (2)

; Let Required speed = x

$$\therefore \frac{9+1.5x}{\frac{9}{6}+1.5} = 9$$

$$9 + 1.5x = \frac{81}{6} + 13.5$$

$$9 + 1.5x = 27$$

$$x = \frac{18}{3} \times 2$$

$$x = 12 \text{ kmph}$$

77. (4)

; Total CP = 32

Total SP = 12 + 6 + 2 = 20

$$\therefore \text{Loss percentage} = \frac{12}{32} \times 100 = 37.5\%$$

78. (2)

$$\text{Mean price} = \frac{10}{110} \times 9.24$$

$$= 10 \times 0.84$$

$$= 8.4$$

$$\begin{array}{ccc} 9 & & 7 \\ & \searrow & / \\ & 8.4 & \\ & / & \searrow \\ 1.4 & & 0.6 \end{array}$$

$$\text{Ratio} = \frac{1.4}{0.6} = \frac{7}{3}$$

$$\therefore \text{Required quantity} = \frac{27}{3} \times 7 = 63 \text{ kg}$$

79. (1)

; Let Required quantity = x

$$\frac{21}{9+x} = \frac{3}{2}$$

$$42 = 27 + 3x$$

$$3x = 15$$

$$x = 5$$

80. (1)

; Ratio of their work = $\frac{1}{10} : \frac{1}{15}$

$$= 3 : 2$$

$$\therefore \text{Required wages} = \frac{3}{5} \times 50 = 30$$

81. (1) $12 \times 2 + 1, 25 \times 2 - 1, 49 \times 2 + 1, 99 \times 2 - 1, 197 \times 2 + 1, 392 \times 2 - 1 = 789$

82. (4) There are two series - $34 + 3 = 37, 37 + 3 = 40, 40 + 3 = 43$

And $7 \times 2 = 14, 14 \times 2 = 28, 28 \times 2 = 56$

83. (1)

$$1^2 + 1, 2^2 - 1, 3^2 + 1, 4^2 - 1, 5^2 + 1, 6^2 - 1, 7^2 + 1$$

$$8^2 - 1 = 63$$

84. (4) There are two individual series

$$2 + 4 = 6, 6 + 4 = 10, 10 + 4 = 14$$

$$3 - 3 = 0, 0 - 3 = -3, -3 - 3 = -6$$

85. (4) $5 \times 2 = 10, 10 + 3 = 13, 13 \times 2 = 26, 26 + 3 = 29, 29 \times 2 = 58, 58 + 3 = 61, 61 \times 2 = 122$

86. (3) $202 \times 11 - 222$

$$= 2222 - 222$$

$$= 2000$$

87. (5)

$$3^{x \times x} = 3^9$$

$$x^2 = 9$$

$$x = 3$$

88. (1)

$$x^2 = 19 \times 9 \times 19 \times 4$$

$$x^2 = 19 \times 19 \times 9 \times 4$$

$$x = 19 \times 3 \times 2$$

$$x = 114$$

89. (3) 116.77

90. (4)

$$\frac{80}{5 \times 4} = \frac{88}{20} = 4.4$$

90. (3) $18x = 36(4571 \times 23621)$

$$x = 2 \times 5521$$

$$x = 11042$$

92. (2) $192 + 27 - 21 = 198$

93. (3)

$$\sqrt{x} = \frac{7896}{21 \times 47} \Rightarrow \sqrt{x} = 8$$

$$x = 64$$

94. (1) $192 + 27 - 21 = 198$

95. (2) $4396 - 3424 = 72 \times x$

$$x = 13.5$$

96. (2)

$$\text{Ratio} = \frac{\frac{45}{100} \times 925}{\frac{60}{100} \times 650} = \frac{45}{60} \times \frac{925}{650}$$

$$= 111 : 104$$

97. (2)

$$\frac{25}{100} \times 880 + \frac{56}{100} \times 1125 + \frac{60}{100} \times 650$$

$$= 220 + 630 + 390$$

$$= 1240$$

98. (2)

$$\text{Required \%} = \frac{\frac{40}{100} \times 1050}{1125} \times 100 = 37.34\%$$

99. (4)

100. (3)

$$\begin{aligned} & \frac{\left(\frac{55}{100} \times 925\right) + \left(\frac{40}{100} \times 1050\right) + \left(\frac{75}{100} \times 880\right) + \left(\frac{56}{100} \times 1125\right) + \left(\frac{60}{100} \times 650\right) + \left(\frac{85}{100} \times 985\right)}{6} \\ &= \frac{508.75 + 420 + 660 + 630 + 390 + 344.75}{6} \\ &= \frac{2953.5}{6} \\ &\approx 490 \end{aligned}$$