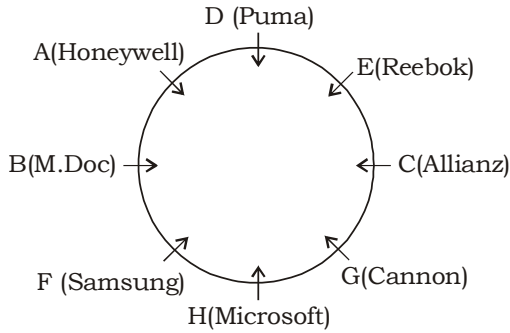


IBPS PO SPECIAL PHASE - I - 298 (SOLUTION)

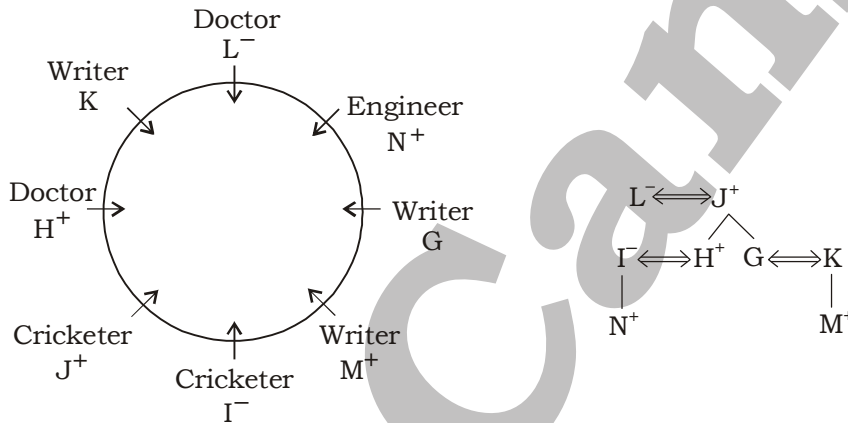
Reasoning

(1-5):



1. (2) 2. (3) 3. (1) 4. (1) 5. (4)

(6-10):



6. (4) 7. (1) 8. (5) 9. (4) 10. (3)

(11-15):

Rank	People	Country	Field
1	Lionel Messi	USA	Actor
2	George W. Bush	Canada	Actor
3	Sonia Gandhi	USA	Actor
4	Abraham Lincoln	China	Actor
5	Hrithik Roshan	China	Actor
6	Atal Bihari Vajpayee	France	Cricketer
7	Sanjay Dutt	India	Foot baller
8	George Clooney	France	Politician
9	DiCaprio	Argentina	Politician
10	M.S Dhoni	Canada	Politician
11	Salman Khan	USA	Politician

11. (1) 12. (1) 13. (3) 14. (2) 15. (5)

KD
Campus
KD Campus

2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

(16-20):

- Input** : 89 who root 19 46 near drink link gold 61 23 under 71 97
Step I : 19 89 who root 46 near link gold 61 23 under 71 97 drink
Step II : 23 19 89 who root 46 near link 61 under 71 97 drink gold
Step III : 46 23 19 89 who root near 61 under 71 97 drink gold link
Step IV : 61 46 23 19 89 who root under 71 97 drink gold link near
Step V : 71 61 46 23 19 89 who under 97 drink gold link near root
Step VI : 89 71 61 46 23 19 who 97 drink gold link near root under
Step VII : 97 89 71 61 46 23 19 drink gold link near root under who

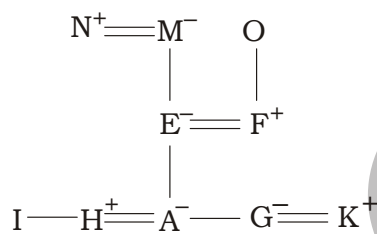
16. (5) 17. (4) 18. (2) 19. (3) 20. (3)

(21-23):

\$ → ≤ # → ≥ @ → > © → > % → =

21. (5) H = J < N > R
 I. R = J → false II. H > J → false III. N > H → True
22. (5) M > J ≤ T < N
 I. N ≥ J → False II. T = M → False III. M > N → False
23. (2) D < K ≥ F > P
 I. P > D → False II. K > P → True III. K > D → True
24. (5)

(25-26):

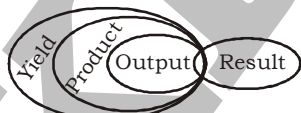


25. (5) 26. (1)

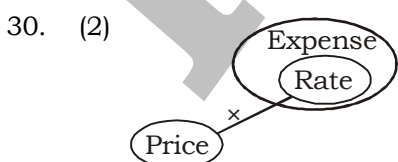
(27-30):



(28-29):



28. (4) 29. (5)



(31-35) :

city many - la nu
 choices - ko
 residents - pa
 made - tr
 by - mx
 with - si
 good here - vk rp

31. (1)

32. (1)

made	by	residents
↓	↓	↓
tr	mx	pa

33. (1)

34. (3)

here	for	good
↓	↓	↓
vk/rp	uy	vk/rp

35. (2)

Quantitative Aptitude

(36-40):

36. (2) $95^2 \approx 95^4 \div 95^1$
 $95^2 = 95^{4-1} = 95^3$
 $? \approx 3$

37. (2) $? \approx \sqrt{10000} + \frac{3}{5} \times 1892 = 100 + 1135.2$
 $= 1235.2 \approx 1230$

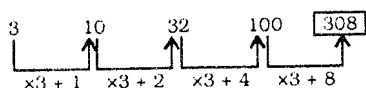
38. (3) $? \approx \frac{0.0004}{0.0001} \times 36 = 4 \times 36 = 144 \approx 145$

39. (1) $? = 12345 \times \frac{137}{100} = 16912.65 \approx 17000$

40. (3) $? = 3739 + 164 \times 27 = 3739 + 4428$
 $= 8167 \approx 8200$

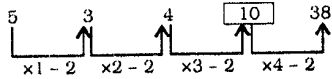
(41-45):

41. (3) The given series is based on the following pattern:



Hence, 308 will come in place of question mark.

42. (5) The given series is based on the following pattern:



Hence, 10 will come in place of question mark.

43. (2) The given series is based on the following pattern:

$$5 \times 1 + (1)^2 = 6$$

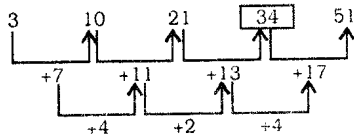
$$6 \times 2 + (2)^2 = 16$$

$$16 \times 3 + (3)^2 = 57$$

$$57 \times 4 + (4)^2 = 244$$

Hence, 16 will come in place of question mark.

44. (1) The given series is based on the following patterns.



Hence, 34 will come in place of question mark.

45. (4) The given series is based on the following pattern:

$$5 \times 2 + 1 = 11$$

$$11 \times 2 + 3 = 25$$

$$25 \times 2 + 5 = 55$$

$$55 \times 2 + 7 = 117$$

(46-50):

46. (4) Required total = $4675 \times \frac{144}{360} = 1870$

47. (5) Total no of candidates of SSC in institute P = $8500 \times \frac{25}{100} - 4675 \times \frac{115.2}{360} = 629$

$$\therefore \text{Total fees} = 629 \times 12000 + 1496 \times 12000 \times \frac{120}{100} = ₹ 2,90,90,400$$

48. (1) Required answer is P.

49. (5) Total no. of candidates in institute S = $8500 \times \frac{15}{100} = 1275$

$$\text{Total no of candidates in Banking in institute S} = 4675 \times \frac{43.2}{360} = 561$$

$$\text{Total no. of candidates in SSC} = 1275 - 561 = 714$$

$$\text{Now, Total no. of candidates in institute S in the year 2017} = 1275 \times \frac{120}{100} = 1530$$

$$\text{Total no. of candidates in Banking in institute S} = 561 \times \frac{150}{100} = 841.50$$

$$\text{Total no. of candidates in SSC in institute S in the year 2017} = 1530 - 841.50 = 688.50$$

$$\therefore \text{Required less no} = 714 - 688.50 = 25.5 \approx 26$$

50. (3) Required % = $\left[\frac{\left(\frac{4675 \times 100.8}{360} \right)}{8500} \times 100 \right] \% = \left(\frac{1309}{8500} \times 100 \right) \% = 15.4\%$

51. (3) Total equivalent capital of A = $5x \times 12 + 8x \times 12 = ₹ 156x$
 Total equivalent capital of B = $6x \times 24 = ₹ 144x$
 Total equivalent capital of C = $8x \times 12 + 4x \times 12 = ₹ 144x$
 \therefore Required ratio = A : B : C = $156x : 144x : 144x = 13 : 12 : 12$

52. (2) Let Vipul's salary = ₹ x

$$5\% \text{ of } x = ₹ \frac{5x}{100} = ₹ \frac{x}{20}$$

As given,

$$1687.50 = \frac{75}{100} \times \frac{x}{20} = \frac{3x}{80}$$

$$3x = 1687.50 \times 80$$

$$x = \frac{1687.50 \times 80}{3} = ₹ 45000$$

53. (4) Total weight of the mixture = $40 + 25 = 65 \text{ kg}$
 Total cost price of wheat = ₹ $(40 \times 12.50 + 25 \times 15.10) = ₹ 877.50$

$$\text{Total selling price of wheat} = ₹ \frac{877.50 \times 110}{100} = ₹ 965.25$$

$$\therefore \text{SP per kg} = ₹ \frac{965.25}{65} = ₹ 14.85$$

54. (2) (B+C)'s 1 day's work = $\frac{1}{8}$... (i)

$$(A+B)'s 1 \text{ day's work} = \frac{1}{12} \text{ ... (ii)}$$

$$(A+C)'s 1 \text{ day's work} = \frac{1}{16} \text{ ... (iii)}$$

On adding all these three equations,

2 (A + B + C)'s 1 day's work

$$\frac{1}{8} + \frac{1}{12} + \frac{1}{16} = \frac{6+4+3}{48} = \frac{13}{48}$$

$$(A + B + C)'s 1 \text{ day's work} = \frac{13}{96}$$

$$\therefore \text{A, B and C together can complete the work in } \frac{96}{13} = 7 \frac{5}{13} \text{ days}$$

55. (4) When a train crosses a platform, the distance covered = Length of platform and the train.

$$\text{Speed} = \frac{\text{Length of (platform + train)}}{\text{Time taken}}$$

Thus we have inadequate data.

(56-60):

56. (4) Required % = $\left(\frac{760}{2640} \times 100\right)\% = 28.78\% \approx 28\%$

57. (3) Required difference = $(440 + 760) - (260 + 320) = 620$

58. (2) Required ratio = $(340 + 320 + 440) : (320 + 660 + 440) = 55 : 71$

59. (5) Required ratio = $440 \times \frac{110}{100} : 760 \times \frac{115}{100} = 484 : 874 = 242 : 437$

60. (3) Required difference = $\left(\frac{340+480+320+750+440+760}{6}\right) - \left(\frac{260+320+420+660+540+440}{6}\right)$
 $= 520 - 440 = 80$

61. (4) $\frac{3}{5}$ % of the total distance = $40 \times 3 + 60 \times 4.5 = 120 + 270 = 390$ km

Total distance = $\frac{390}{3} \times 5 = 650$ km

Remaining distance = $650 - 390 = 260$ km

\therefore Speed = $\frac{260}{4} = 65$ km/hr

62. (1) Let the two-digit no. be $10x + y$.

Now, $\frac{1}{4}(10x + y) - \frac{1}{5}(10x + y) = 4$

$50x + 5y - 40x - 4y = 80$

$10x + y = 80$

63. (3) Let the labelled price be ₹ 100

Reduced price = $(100 - 20)\%$ of 100 = ₹ 80

10% additional discount = 10% of 80 = ₹ 8

Net CP = $80 - 8 = ₹ 72$

Therefore, Raju's cost price = $\frac{1400}{100} \times 72 = ₹ 1008$

Quicker Method:

$-20 - 10 + \frac{20 \times 10}{100} = 28\%$ discount

\therefore CP = 72% of 1400 = ₹ 1008

(64-65):

64. (3) There are 9 women and 5 men. A committee of 12, consisting of at least 5 women, can be formed by choosing:

(i) 5 women and 7 men

(ii) 6 women and 6 men

(iii) 7 women and 5 men

(iv) 8 women and 4 men

(v) 9 women and 3 men

Total number of ways of forming the committee = ${}^9C_5 \times {}^8C_7 + {}^9C_6 \times {}^8C_6 + {}^9C_7 \times {}^8C_5 + {}^9C_8 \times {}^8C_4 + {}^9C_9 \times {}^8C_3 = 126 \times 8 + 84 \times 28 + 36 \times 56 + 9 \times 70 + 1 \times 56 = 6062$

65. (4) Women are in majority in (iii), (iv) and (v) cases as discussed in question 134.

$$\begin{aligned} \therefore \text{Total number of such committees} &= {}^9C_7 \times {}^8C_5 + {}^9C_8 \times {}^8C_4 + {}^9C_9 \times {}^8C_3 \\ &= 36 \times 56 + 9 \times 70 + 1 \times 56 = 2702 \end{aligned}$$

(66-70):

66. (5) I. $p^2 + 3p + 2p + 6 = 0$
 $p(p + 3) + 2(p + 3) = 0$
 $(p + 3)(p + 2) = 0$
 $p = -2$ or -3

II. $q^3 + q + 2q + 2 = 0$
 $q(q + 1) + 2(q + 1) = 0$
 $(q + 1)(q + 2) = 0$
 $q = -1$ or -2
 Obviously $p \leq q$

67. (4) I. $p = \pm 2$
 II. $q^2 + 2q + 2q + 4 = 0$
 $q(q + 2) + 2(q + 2) = 0$
 $(q + 2)(q + 2) = 0$
 $q = -2$
 Obviously, $p \geq q$

68. (2) I. $p^2 + p - 56 = 0$
 $p^2 + 8p - 7p - 56 = 0$
 $p(p + 8) - 7(p + 8) = 0$
 $(p + 8)(p - 7) = 0$
 $p = 7$ or -8
 II. $q^2 - 8q - 9q + 72 = 0$
 $q(q - 8) - 9(q - 8) = 0$
 $(q - 8)(q - 9) = 0$
 $q = 8$ or 9
 Obviously, $p < q$

69. (1) We have,
 $3p + 2q = 58 \dots(i)$
 $4p + 4q = 92$
 $2p + 2q = 46 \dots(ii)$
 By equation (i) - (ii) we get $p = 12$
 From equation (i), $3 \times 12 + 2q = 58$
 $2q = 58 - 36 = 22$
 $q = 11$
 Hence, $p > q$

70. (2) I. $3p^2 + 15p + 2p + 10 = 0$
 $3p(p + 5) + 2(p + 5) = 0$
 $(p + 5)(3p + 2) = 0$
 $p = -5$ or $-\frac{2}{3}$
 II. $10q^2 + 5q + 4q + 2 = 0$
 $5q(2q + 1) + 2(2q + 1) = 0$
 $(2q + 1)(5q + 2) = 0$
 $q = -\frac{1}{2}$ or $-\frac{2}{5}$
 Obviously, $p < q$

ENGLISH LANGUAGE

(96-100) :

96. (5) No correction required.
 97. (2) 'All one' means similar
 'One and all'/'all and one' means everyone
 98. (1) 'at an early age' is in past tense sentence, verb will be past indefinite (V₂)
 99. (5) No correction required.
 100. (2) 'of and on' replace with 'on and off'
 'on and off' means- something

VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Adage	well known saying that express a general wise saying	बुद्धिमानी भरी कहावत
Briskly (Ad)	quick and efficient	तुरंत, तेजी से
Bull run	A condition when people buy share to sell them later	शेयर के आधिकाधिक खरीद की स्थिति
Buoyant	Tending to increase and stay at high cheerful	प्रगति की स्थिति, खुश
Descent	Decline	उतार
Gather Momentum	To gain speed	गति में तेज होना
Humming	Busy or active	व्यस्त
In the teeth of	Despite an opposing condition	विरोध के बावजूद
Retardation	Deceleration in speed	गति में कमी
Sceptic	One who disbelieve or doubts	संशय करने वाला
Vigorouslys	Carried out forcefully and energetically	पूरी ऊर्जा से
Throng	To gather at a palce	किसी जगह पर एकत्रित होना
haphazard	marked by lack of plan, order or direction	अस्त-व्यस्त
Pecuation	To steel or take dishonestly	गबन/छल से छिनना
Ephemeral	lasting for a very short time	अल्पकालिक/क्षणभंगुर

IBPS PO SPECIAL PHASE - I - 298 (ANSWER KEY)

- | | | | |
|---------|---------|---------|----------|
| 1. (2) | 26. (1) | 51. (3) | 76. (3) |
| 2. (3) | 27. (3) | 52. (2) | 77. (5) |
| 3. (1) | 28. (4) | 53. (4) | 78. (2) |
| 4. (1) | 29. (5) | 54. (2) | 79. (3) |
| 5. (4) | 30. (2) | 55. (4) | 80. (4) |
| 6. (4) | 31. (1) | 56. (4) | 81. (1) |
| 7. (1) | 32. (1) | 57. (3) | 82. (3) |
| 8. (5) | 33. (1) | 58. (2) | 83. (4) |
| 9. (4) | 34. (3) | 59. (5) | 84. (5) |
| 10. (3) | 35. (2) | 60. (3) | 85. (3) |
| 11. (1) | 36. (2) | 61. (4) | 86. (5) |
| 12. (1) | 37. (2) | 62. (1) | 87. (3) |
| 13. (3) | 38. (3) | 63. (3) | 88. (2) |
| 14. (2) | 39. (1) | 64. (3) | 89. (1) |
| 15. (5) | 40. (3) | 65. (4) | 90. (5) |
| 16. (5) | 41. (3) | 66. (5) | 91. (2) |
| 17. (4) | 42. (5) | 67. (4) | 92. (4) |
| 18. (2) | 43. (2) | 68. (2) | 93. (4) |
| 19. (3) | 44. (1) | 69. (1) | 94. (3) |
| 20. (3) | 45. (4) | 70. (2) | 95. (5) |
| 21. (5) | 46. (4) | 71. (2) | 96. (5) |
| 22. (5) | 47. (5) | 72. (4) | 97. (2) |
| 23. (2) | 48. (1) | 73. (2) | 98. (1) |
| 24. (5) | 49. (5) | 74. (2) | 99. (5) |
| 25. (5) | 50. (3) | 75. (1) | 100. (2) |