

IBPS PO Preliminary Grand Test –IPP-181044

HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

1. (4) meditation needs Gurus.
 2. (2) They can't put themselves into other people's shoes.
 3. (3) May all meditate
 4. (4) We discover our own self independent of all.
 5. (2) **Take in** means to understand something or absorb something completely so the antonym should be diffuse-to spread.
 6. (5) **Flexibility** - the ability to change shape, size, direction etc. so the antonym should be **obduracy** - having the quality of being determined to act in a particular way and not to change despite argument or persuasion.
 7. (3) **Normally**– Generally (in normal conditions or situations, usually). So the antonym should be - **seldom**- means rarely, not usually.
 8. (1) **analogy**- means comparison between things which have similar features. parallel- something very similar to something else. (comparison).
For other options:
 partial - not complete
 example-something which is same of a group of things, that it is a member of right– correct

9. (5) **celestial** - of or from outside the world or invisible heaven.

For other options:

karmic - related to fate or destiny
 earthy - natural, realistic or practical
 corporeal - of the nature of physical body, tangible.
 infinite - measurably great.

10. (1) **understand** (we need to understand the information)

For other options:

acknowledge - to recognize the existence of something or something to be true.
 channel - to convey through a channel.
 restrict - keep something within limits treat - to act or behave toward (a person) in a particular way to deal with something (a disease, problem etc.)

11. (2) 12. (1)
 13. (5) 14. (2) 15. (4)

16. (2) 'is an attempt to mend' is the correct use.

'attempt' means an act of trying to do something difficult.

17. (3) 'where a reception was' fits the sentence appropriately as which is used as a pronoun for object and where is used as relative pronoun for the position/ place of the work done.

18. (4) 'standing up for' fits the sentence appropriately as 'stand up for' means to support or defend somebody or something.

19. (4) 'Only a man with' fits the sentence appropriately as only is used to express no other or none except.

20. (1) 'express themselves clearly' fits the sentence appropriately as it makes sentence structure grammatically correct.

- 21-25. The correct sequence to form a meaningful sequence is EGCAFBD.

21. (1) 22. (4)
 23. (3) 24. (1) 25. (3)

26. (1) The correct use is 'concluded, resorted' where '**concluded**' means bring or come to an end and '**resorted**' means turn to and adopt (a course of action, especially an extreme or undesirable one) so as to resolve a difficult situation.

27. (3) The correct use is 'allowed, extortion' where '**extortion**' means the practice of obtaining something, especially money, through force or threats.

28. (5) The correct use is 'instituted, inadequate' where '**instituted**' means to introduce or establish (a scheme, undertaking, or policy) and '**inadequate**' means insufficient for a purpose.

29. (4) The correct use is 'united, traditions'.

30. (2) The correct use is 'favours, violation' where '**Violation**' means the action of violating someone or something.

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31. (3) Let the first and second number be x and y respectively.

$$\frac{80x}{100} - \frac{60y}{100} = 3$$

$$8x - 6y = 30 \dots\dots(i)$$

$$\frac{80y}{100} - \frac{90x}{100} = 6$$

$$-9x + 8y = 60 \dots\dots(ii)$$

On Solving above equation

$$x = 60, y = 75$$

$$\text{Required number} = x + y = 60 + 75 = 135$$

32. (3) C.P. of wheat = $30 \times 9.5 + 30 + 8.50 = \text{Rs. } 540$

$$\text{S.P. of wheat} = 60 \times 8.9 = \text{Rs. } 534$$

$$\text{Loss} = \text{Rs. } (540 - 534) = \text{Rs. } 6$$

33. (3) M.P. of scooter = Rs. 36000

$$20000 \times \frac{8}{100} + 10000 \times \frac{5}{100} + 6000 \times \frac{x}{100} = 36000 \times \frac{7}{100}$$

$$1600 + 500 + 60x = 2520$$

$$x = \frac{420}{60} = 7\%$$

34. (3) Total interest = Rs. 8160

$$(6 \times 3 + 9 \times 5 + 13 \times 3)\% = 8160$$

$$(18 + 45 + 39)\% = 8160$$

$$102\% = 8160$$

$$100\% = \frac{8160}{102} \times 100 = \text{Rs. } 8000$$

35. (2) S.I. = $\frac{6000 \times 5 \times 2}{100} = \text{Rs. } 600$

$$\text{C.I.} = 5000 \left(1 + \frac{8}{100}\right)^2 - 5000$$

$$= 5000 \times \frac{27}{25} \times \frac{27}{25} - 5000$$

$$= 200 \times 27 \times \frac{27}{25} - 5000$$

$$= 5832 - 5000 = \text{Rs. } 832$$

$$\text{Difference} = 832 - 600 = \text{Rs. } 232$$

36. (5) $x = 19, y = 19; x = y$

37. (1) $x = -3, \frac{3}{17}; y = 2, \frac{6}{13}; \therefore x < y$

38. (2) $x = \frac{-3}{4}, -\frac{1}{2}; y = -3, \frac{-4}{5}; \therefore x > y$

39. (3) $x = \frac{-5}{4}, \frac{1}{2}; y = \frac{4}{3}, \frac{1}{2}; \therefore x \leq y$

40. (4) $x = \frac{-2}{3}, \frac{-1}{3}; y = \frac{-7}{4}, \frac{-2}{3}$

$$x \geq y$$

41. (2) Profit percentage in year 2011 = $\frac{133.1 - 110}{110} \times 100 = 21\%$

$$\text{Profit percentage in 2012} = \frac{4}{3} \times 21 = 28\%$$

Let expenditure in 2012 = x million.

$$\frac{121.6 - x}{x} \times 100 = 28, x = 95 \text{ million}$$

42. (4) Let expenditure in 2007 = x

$$\frac{(103.824 - x)}{x} \times 100 = 12$$

$$x = 92.7 \text{ million}$$

Let expenditure in 2010 = y

$$\frac{(113.28 - y)}{y} \times 100 = 20$$

$$y = 94.4 \text{ million}$$

$$\text{Required percentage} = \frac{(94.4 - 92.7)}{94.4} \times 100 = 1.8\% \text{ less}$$

43. (5) Average expenditure from 2007 to 2011

$$= \frac{92.7 + 83.8 + 84 + 94.4 + 110}{5} = 92.98 \text{ million}$$

44. (2) Total expenditure till 2011

$$= 92.7 + 83.8 + 84 + 94.4 + 110 = 464.9 \text{ million}$$

Total income till 2011

$$= 103.824 + 104.75 + 95.76 + 113.28 + 113.1 = 550.714$$

$$\% \text{ profit} = \frac{(550.714 - 464.9)}{464.9} \times 100 \approx 18\%$$

45. (1) Let expenditure in 2006 = x

$$x \times \frac{120}{100} = 92.7, x = 77.25 \text{ million}$$

$$\text{Profit \% in 2006} = \frac{100 - 25}{100} \times 12 = 9\%$$

$$\text{Income in 2006} = \frac{(100 + 9)}{100} \times 77.25 = 84.2025 \text{ million}$$

46. (3) Male students in Sociology and Commerce

$$= \left[4800 \times \frac{24}{100} \times \frac{3}{8}\right] + \left[4800 \times \frac{22}{100} \times \frac{5}{12}\right]$$

$$= 432 + 440$$

$$= 872$$

47. (4) Req. Ratio = $4800 \times \frac{12}{100} \times \frac{3}{9} : 4800 \times \frac{18}{100} \times \frac{3}{8}$
 $= 4 : \frac{27}{4} = 16 : 27$

48. (5) Female students in Commerce, English and Engineering
 $= 4800 \times \frac{22}{100} \times \frac{7}{12} + 4800 \times \frac{7}{100} \times \frac{4}{7} + 4800 \times \frac{9}{100} \times \frac{4}{9}$
 $= 616 + 192 + 192$
 $= 1000$

49. (2) Req. difference = $\left[4800 \times \frac{24}{100} \times \frac{3}{8}\right] - \left[4800 \times \frac{8}{100} \times \frac{2}{3}\right]$
 $= 432 - 256$
 $= 176$

50. (4) Female students in English

$$= 4800 \times \frac{7}{100} \times \frac{4}{7} = 192$$

Similarly in Computers = 324

Commerce = 616

Anthropology = 256

Sociology = 720

Engineering = 192

Management = 192

$$+3, + (3 \times 2), + (6 \times 2), + (12 \times 2), + (24 \times 2)$$

$$51 + (24 \times 2) = 51 + 48 = 99$$

51. (2) $\times 1 + 1, \times 2 + 2, \times 3 + 3, \times 4 + 4, \times 5 + 5$

$$18 \times 3 + 3 = 57$$

52. (3) $\times 2 + 1, \times 2 + 2, \times 2 + 3, \times 2 + 4, \times 2 + 5, \times 2 + 6$

$$83 \times 2 + 4 = 170$$

53. (2) $+ (25 \times 1^2), + (25 \times 2^2), + (25 \times 3^2), + (25 \times 4^2), + (25 \times 5^2)$

$$812 + (25 \times 5^2) = 812 + 625 = 1437$$

54. (2) $\times 7 - 1, \times 6 - 1, \times 5 - 1, \times 4 - 1, \times 3 - 1$

$$61 \times 6 - 1 = 372 - 1 = 371$$

55. (4) $287216 = ? \times 116$

$$? = 2476$$

56. (4) $111.1 + 25.8 + 153.5 = ?$

$$? = 290.4$$

57. (2) $202 \times \frac{259}{37} \times \frac{78}{52} \times \frac{11}{7} + \frac{11}{4} = ?$

$$303 + \frac{11}{4} = ?$$

$$? = 305.75$$

58. (2) $2506 + 2388 = ?$

$$? = 4894 \approx 4890$$

59. (3) $335 \times 245 \div 55 = ?$

$$? \approx 1490$$

60. (1) Copper Aluminium

$$30 \quad 70$$

$$3 \times 2 = 6, 7 \times 2 = 14$$

$$2 \times 3 = 6, 8 \times 3 = 24$$

$$20 \text{ units} = 2 \text{ kg}$$

$$10 \text{ units} = \frac{2}{20} \times 10 = 1 \text{ kg}$$

61. (3)

$$62. (1) \frac{6x+6}{7x} = \frac{9}{10}$$

$$60x + 60 = 63x$$

$$3x = 60, x = 20$$

$$\text{Total number of examinees} = 7x = 7 \times 20 = 140$$

63. (1) $\frac{M_1 D_1 H_1}{W_1} = \frac{M_2 D_2 H_2}{W_2}$

$$\frac{72 \times 21}{280} = \frac{M_2 \times 18}{280 \times 18}$$

$$M_2 = \frac{72 \times 21 \times 100}{280 \times 18} = 30$$

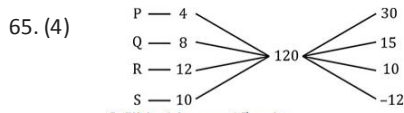
64. (1) $\frac{200 \times 50}{100} = \frac{x \times 100}{100}$

$$\frac{1}{4} = \frac{3}{4}$$

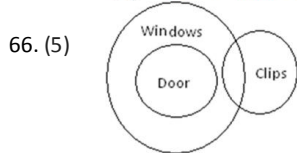
$$\frac{200 \times 50 \times 3}{100} = x, x = 300$$

$$\text{Number of additional worker} = 100$$

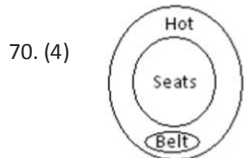
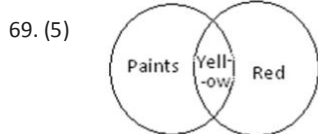
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Q fill in 1 hour = 15 units
 P, R and S fill in 1 hour = 28 units
 P and S fill in 1 hour = 18 units
 P, Q and S fill in 1 hour = 33 units



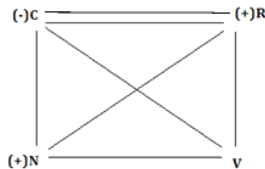
67. (4) 68. (2)



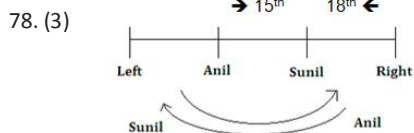
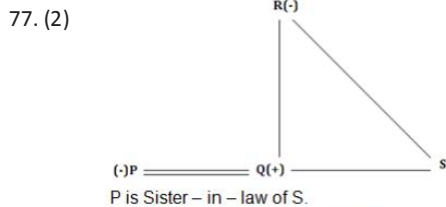
71-75.

Name	Profession	Husband's Profession
Madhu	Teacher	Navy Officer
Kanchan	Accountant	Sales Manager
Chandni	Housewife	Engineer
Sheela	Doctor	Doctor
Rekha	Housewife	Lawyer

- 71. (1) Sheela is a Doctor and married to Doctor
- 72. (4) Engineer is married to Chandni
- 73. (1) Chandni and Rekha are Housewives
- 74. (3) Wife of the Engineer is a Housewife
- 75. (4) Madhu is married to the Navy officer.



N is brother of v.



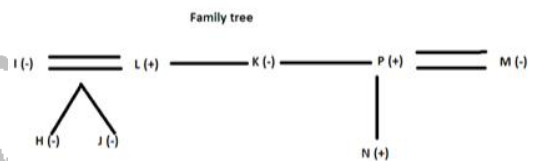
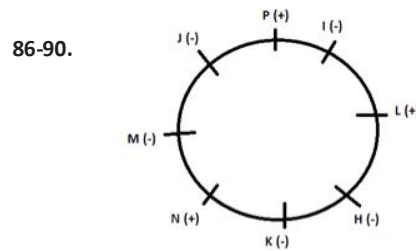
After interchange of their places Anil's position is 29th from the left
 ∴ Total number of boys = (29 + 18 – 1)
 = 46

79. (5) 80. (5)

81-85.

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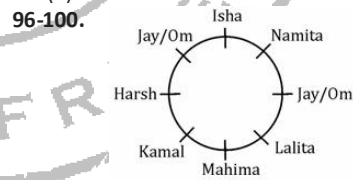
81. (3) 82. (4)
 83. (2) 84. (1) 85. (3)



86. (3) 87. (2)
 88. (1) 89. (3) 90. (4)

- 91-94.
- chi-success
 - bee-get
 - koo-work
 - ra-he
 - da-to
 - fe-hard
 - la-for
 - pe-will
 - su-efforts

91. (1) 92. (2)
 93. (4) 94. (4)
 95. (1)



96. (3) 97. (5)
 98. (1) 99. (4) 100. (2)