

IBPS Clerk Preliminary Grand Test –ICP-181117

HINTS & SOLUTIONS

ANSWER KEY

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

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1. (3) 'too expensive' is the correct meaning. As the author conveyed that we don't need to spend much in buying greeting cards.
2. (3) It is clearly mentioned in the first paragraph that 'Crafts beautiful' is a 'crafts magazine'.
3. (2) It is given in the 2nd paragraph that we can involve our family and kids for making cards and it is also implied that it will reduce our work load.
4. (4) All the statements are not correct as the statement (ii) is incorrect as the process of embossing and die cuts are different. Other statements are correct and can be inferred from the 4th paragraph of the passage.
5. (1) "Making your own cards" is the appropriate title.
6. (5) All the mentioned properties in the options are taken from paragraph 4, making option (e) as correct.
7. (1) Enhance means intensify, increase, or further improve the quality, value, or extent of. Hence it has same meaning as augment.
Desolate means feeling or showing great unhappiness or loneliness.
Exiguous means very small in size or amount.
8. (3) Creating means bring (something) into existence. Hence it has similar meaning as fabricate.
Copious means abundant in supply or quantity.

- Exigent means pressing, demanding.
Digressive means a departure from the subject, course, or idea at hand, an exploration of a different or unrelated concern.
Reverence means respect.
9. (4) Decorate means make (something) look more attractive by adding extra items or images to it. Hence it has opposite meaning as unadorned.
Prodigal means spending money or using resources freely and recklessly, wastefully extravagant.
 10. (5) Elegant means graceful and stylish in appearance or manner. Hence it has opposite meaning as gauche.
Bounteous means generously given or giving.
Vague means of uncertain, indefinite, or unclear character or meaning.
Stint means supply a very ungenerous or inadequate amount of (something).
 11. (1) Replace 'among' with 'between' as we use among to talk about things which are not clearly separated but here there is talk for two companies.
 - 12.(2) Replace 'underwent' with 'undergone' as third form of the verb is to be used here with has.
 13. (2) Replace 'detail' with 'detailed'.
 14. (3) Replace 'less' with 'least' here the use of least will be correct because 350 billion is the minimum requirement.
 - 15.(1) In place of 'no' use 'any' as the use of lack is already negative.
 - 16.(3) Substitute 'forgotten' in place of 'forgot' .
 17. (4) Substitute 'rethinking' in place of 'rethink'.
 18. (2) Substitute 'is' in place of 'are'.
 19. (1) Use 'eminent' before not only.
 20. (3) Substitute 'make' in place of 'making'.
 - 21.(3) 'resembled' is the correct word to be replaced.
Impinged means have an effect, especially a negative one.
 22. (3) 'Stability' is the correct word as this term is also used in following lines of the paragraph.
Fortitude means courage in pain or adversity.
 23. (4) 'argued' is the correct word to be replaced.
 24. (2) 'boost' is the correct word.
 25. (1) 'important' best suits the purpose.
 26. (1) 'splendid' best suits the purpose which means magnificent, very impressive.
 27. (5) No improvement is required here.
 28. (2) 'sluggish' is the most appropriate word.
 29. (3) 'growth' is the correct word making the sentence meaningful.
 30. (5) No improvement is required here.
 31. (3) Let, the number = x
After decrement and increment

$$= \frac{80}{100} \times \frac{120}{100} \times x = 0.96x$$
 ATQ,

$$x - 0.96x = 20$$

$$0.04x = 20$$

$$x = 500$$

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32. (1) If Rajdhani is $x\%$ slower than Shatabdi,
then Shatabdi is faster than Rajdhani by $\frac{x}{100-x} \times 100\%$
 \Rightarrow Shatabdi is faster than Rajdhani by
 $\frac{50}{100-\frac{50}{3}} \times 100\% = \frac{50}{\frac{250}{3}} \times 100\% = 20\%$

33. (3) Let, C.P. of table = x
Person Sells table at a profit of 10%
 \Rightarrow S.P. = $1.1x$
ATQ,
 $\frac{120}{100} \left[\frac{95}{100} \right] \times x = 1.1x + 80$
 $1.14x - 1.1x = 80$
 $0.04x = 80$
 $x = 2,000$

34. (3) Let the age of New boy be x years.
and the average age of 24 students of class is y
According to the question,
 $24y - 10 + x = 24 \left(y + \frac{1}{6} \right)$
 $24y - 10 + x = 24y + 4$
 $x = 14$ years

35. (1) Let Y's investment is used for T months \rightarrow Now by using formula.
 $\frac{5 \times 8}{6 \times T} = \frac{5}{9}$
 $T = 12$ months

36. (3) Pattern is
 $14 \times 1 - 2 = 14 - 2 = 12$
 $12 \times 2 - 3 = 24 - 3 = 21$
 $21 \times 3 - 4 = 59$
 $59 \times 4 - 5 = 231$
 $231 \times 5 - 6 = 1149$
 $1149 \times 6 - 7 = 6894 - 7 = 6887$

37. (3) Pattern is
 $120 \div 8 = 15$
 $15 \times 7 = 105$
 $105 \div 6 = 17.5$
 $17.5 \times 5 = 87.5$
 $\therefore ? = 87.5 \div 4 = 21.875$

38. (1) Pattern is
 $158 \div 2 - 1 = 78$
 $78 \div 2 - 1 = 38$
 $38 \div 2 - 1 = 18$
 $18 \div 2 - 1 = 8$
 $8 \div 2 - 1 = 3$

39. (3) Pattern is
 $8 \times 1 - 2.5 = 5.5$
 $5.5 \times 2 - 2.5 = 8.5$
 $8.5 \times 3 - 2.5 = 23$
 $23 \times 4 - 2.5 = 89.5$
 $89.5 \times 5 - 2.5 = 447.5 - 2.5 = 445$

40. (3)

987	587	331	187	123	?
400	256	144	64	16	?
↑	↑	↑	↑	↑	↑
$(20)^2$	$(16)^2$	$(12)^2$	$(8)^2$	$(4)^2$?

41. (3) Required difference
 $= \frac{(17+24) - (18+16)}{100} \times 33000$
 $= \frac{41-34}{100} \times 330$
 $= 2310$

42. (5) Required difference = $\frac{[43 - (100 - 34 - 43)]}{100} \times \frac{17}{100} \times 33000$
 $= \frac{20}{100} \times \frac{17}{100} \times 33000$
 $= 1122$

43. (1) Required percentage
 $= \frac{(12+17-16)}{16} \times 100$
 $= \frac{13}{16} \times 100$
 $= 81.25\%$

44. (2) Average population of A, C & Y = $\frac{18+16+17}{3}$
 $= 17\%$
Average population of B & X = $\frac{24+12}{2}$
 $= 18\%$

Required difference
 $= \frac{(18-17)}{100} \times 33000$
 $= 330$

45. (4) Population of city C not doing govt. job
 $= \frac{(40+30)}{100} \times \frac{16}{100} \times 33000$
 $= \frac{70}{100} \times \frac{16}{100} \times 33000$
 $= 3696$

46. (3) $729 \times ? \div 81 - \sqrt{256} = \sqrt{169} \times (125)^{\frac{1}{2}}$
 $\frac{729 \times ?}{81} - 16 = 13 \times 5$
 $9 \times ? = 65 + 16$
 $? = \frac{81}{9} = 9 \Rightarrow ? = 9$

47. (4) $? = \sqrt{\frac{15625}{10000}} = \sqrt{\frac{5 \times 5 \times 5 \times 5 \times 5 \times 5}{10 \times 10 \times 10 \times 10}} = \frac{125}{100} = 1.25$

48. (2) $\frac{(81)^{\frac{1}{2}}}{225} \times (16)^{\frac{1}{2}} \times \frac{85}{6} \div \frac{3}{150} = \frac{?}{0.045}$
 $\frac{3}{225} \times 4 \times \frac{85}{6} \times \frac{150}{3} = \frac{?}{0.045}$
 $? = \frac{1}{75} \times \frac{2}{3} \times 85 \times 50 \times \frac{45}{1000}$
 $? = 1.7$

49. (2) $?^2 = \sqrt{50+31} = \sqrt{81} = 9$
 $\therefore ? = \pm 3$

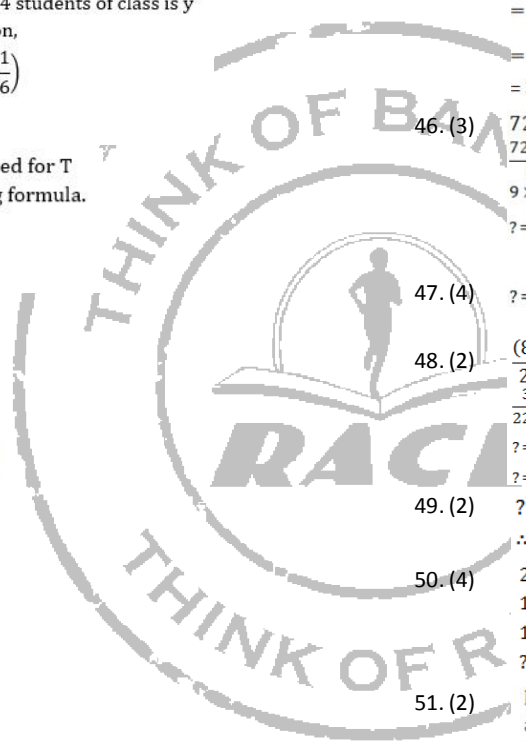
50. (4) 20% of 8040 + 30% of 540 = ?% of 3000
 $1608 + 162 = ?\% \text{ of } 3000$
 $1770 = ?\% \text{ of } 3000$
 $? = 59$

51. (2) I. $a^2 - 11a + 24 = 0$
 $a^2 - 8a - 3a + 24 = 0$
 $a(a-8) - 3(a-8) = 0$
 $(a-8)(a-3) = 0$
 $a = 8, 3$

II. $b^2 + 3b - 18 = 0$
 $b^2 + 6b - 3b - 18 = 0$
 $b(b+6) - 3(b+6) = 0$
 $(b-3)(b+6) = 0$
 $b = 3, -6$
 $a \geq b$

52. (5) I. $2a^2 + 17a + 35 = 0$
 $2a^2 + 10a + 7a + 35 = 0$
 $2a(a+5) + 7(a+5) = 0$
 $(2a+7)(a+5) = 0$
 $a = \frac{-7}{2}, -5$

II. $3b^2 + 17b + 24 = 0$
 $3b^2 + 9b + 8b + 24 = 0$
 $3b(b+3) + 8(b+3) = 0$
 $(b+3)(3b+8) = 0$
 $b = -3, -\frac{8}{3}$
 $b > a$



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53. (2) I. $a^2 + 72 = 108$
 $a^2 = 108 - 72 = 36$
 $a = \pm 6$
 II. $b^3 + 581 = 365$
 $b^3 = -216$
 $b = -6$
 $a \geq b$

54. (1) I. $2a + 3b = 72$... (i)
 II. $a + 2b = 42$... (ii)
 On solving (i) & (ii)
 $a = 18$
 $b = 12$
 $a > b$

55. (2) I. $a^2 - 14a + 48 = 0$
 $a^2 - 8a - 6a + 48 = 0$
 $a(a-8) - 6(a-8) = 0$
 $(a-8)(a-6) = 0$
 $a = 8, 6$
 II. $b^2 - 10b + 24 = 0$
 $b^2 - 6b - 4b + 24 = 0$
 $b(b-6) - 4(b-6) = 0$
 $(b-6)(b-4) = 0$
 $b = 4, 6$
 $a \geq b$

56. (5) $\therefore a, b, c$ and d are four consecutive numbers and $a + c = 124$
 $\therefore a + c = 124 = 61 + 63$
 $\therefore b = 62$ and $d = 64$
 $\therefore b \times d = 62 \times 64 = 3968$

57. (4) Let the numbers be $a, b,$ and c respectively.
 $\therefore \frac{a+c}{2} - \frac{b+c}{2} = 24$
 $\Rightarrow (a+c) - (b+c) = 24 \times 2 = 48$
 $\Rightarrow a - b = 48$

58. (3) $\text{Time} = \frac{\text{SI} \times 100}{\text{Principal} \times \text{Rate}}$
 $= \frac{1428 \times 100}{4080 \times 7} = 5$ years

59. (1) $\text{Speed of bicycle} = \frac{\text{Distance}}{\text{Time}}$
 $= \frac{192}{8} = 24$ metre/second
 $\therefore \text{Speed of man} = 24 \times \frac{3}{4}$
 $= 18$ metre/second
 $\therefore \text{Required time} = \frac{\text{Distance}}{\text{Speed}}$
 $= \frac{54}{18} = 3$ seconds

60. (5) $\therefore 3$ men = 9 boys
 $\therefore 1$ man = 3 boys
 $\therefore 5$ men + 6 boys
 $= (5 \times 3 + 6)$ boys = 21 boys
 $\therefore M_1 D_1 = M_2 D_2$
 $= 9 \times 21 = 21 \times D_2$
 $= D_2 = \frac{9 \times 21}{21} = 9$ days

61. (4) $7\frac{1}{3} \times 2\frac{2}{11} + ? = 5\frac{5}{7} \times 11\frac{3}{8}$
 $\frac{22}{3} \times \frac{24}{11} + ? = \frac{40}{7} \times \frac{91}{8}$
 $16 + ? = 65$
 $? = 65 - 16 = 49$

62. (3) $? + 4.022 = 7.07 + 5.05 + 1.001$
 $? = 13.121 - 4.022$
 $? = 9.099$

63. (2) $\frac{0.6 \times 72 \times 5}{0.9} = ? + 176$
 $240 - 176 = ?$
 $? = 64$

64. (5) $\sqrt{? + 108 + 119} = 14 + 6 + \frac{2}{3} + \frac{1}{3}$
 $\sqrt{? + 227} = 21$
 $? + 227 = 441$
 $? = 214$

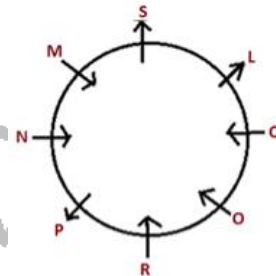
65. (2) $? + 72\% \times 340 = 54\% \times 720$
 $? = 388.8 - 244.8$
 $? = 144$

66-70.

Days	Persons
Monday	Rice
Tuesday	Milk
Wednesday	Sugar
Thursday	Holiday
Friday	Saffron
Saturday	Almonds

66. (4)
 67. (5)
 68. (1)
 69. (2)
 70. (2)

71-75.



71. (3)
 72. (2)
 73. (1)
 74. (1)
 75. (4)

76-80.



76. (4)
 77. (2)
 78. (1)
 79. (2)
 80. (2)
 81. (1) I. $Y > R$ (True) II. $R > Z$ (False)
 82. (4) I. $S = Q$ (False) II. $X > Q$ (False)
 83. (4) I. $R < V$ (False) II. $V < W$ (False)
 84. (3) I. $Z = N$ (False) II. $Z > N$ (False)
 85. (1) I. $Y > R$ (True) II. $R > Z$ (False)

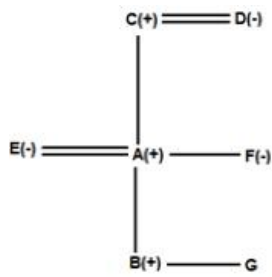
86-90.

Name	Class	Floor
A	Second	II
B	Sixth	IV
C	Fourth	III
D	Eighth	I
E	Fifth	V
F	Third	VII
G	Ninth	VI

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

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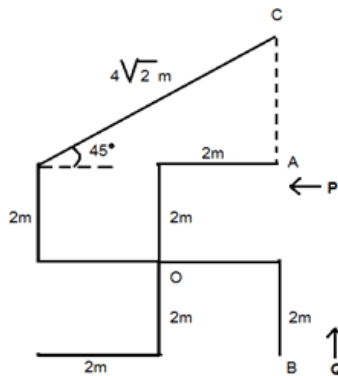
91-92.



91. (5)

92. (2)

93-95.



93. (3)

94. (4)

95. (4)

96-100.

pollution → li
 control → na
 mechanism → pa
 sulphur → ja
 Nitrozen → ta
 dangerous → ra
 body → sa

96. (4)

97. (5)

98. (2)

99. (1)

100. (3)

