

IBPS Clerk Preliminary Grand Test –ICP-181236

HINTS & SOLUTIONS

ANSWER KEY

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

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1. (4) 'affected, scale' is the correct use.
Affected- influenced or touched by an external factor.
2. (1) 'conscious, keep' is the correct use.
Conscious- aware of and responding to one's surroundings.
3. (5) 'argued, control' is the correct use.
4. (3) 'spanning, adieu' is the correct use.
Spanning- extend across (a period of time or a range of subjects).
Adieu- goodbye.
5. (2) 'With, garrisoned' is the correct use.
Garrisoned- provide (a place) with a group of troops.
6. (4) 'would have taken' will be used in place of 'would take' as 'had+ subject+ V3... subject+ would+ have+ V3' is used. (III) is also correct in the same way.
Ex. Had he worked hard, he would have succeeded.
7. (3) 'had we' will be used in place of 'we had' as verb is used before the subject with 'scarcely' or 'hardly'. (I) and (II) both are correct.

- No sooner takes 'than' with it but in the given statement 'when' is used. Therefore (III) is incorrect.
8. (4) 'make' will be used in place of 'makes' as the subject of the sentence 'perquisites' is plural. Therefore (III) is correct.
(II) is also correct.
 9. (2) Only (III) is correct. 'as' will be used in place of 'that' as relative pronoun, because relative pronoun is used in the form of 'as' after 'such'.
Ex. He is such a good man as can help you.
 10. (2) Pronoun 'it' will be used in the form of object after 'making' for 'book'.
 11. (3) Refer the third paragraph of the passage "In general, the BMI number is a good quantifiable measurement of a person's obesity, however it is a poor predictor in people who are very athletic"
 12. (3) Refer the last few lines of the third paragraph of the passage, "In general, the BMI number is a good quantifiable measurement of a person's obesity, however it is a poor predictor in people who are very athletic, because a person with a higher than average amount of muscle tissue will weigh more than an average person, thus resulting in a BMI that is higher than normal"
 13. (5) All of the given options are correct. Refer the fourth paragraph of the passage.
 14. (3) Refer the first few lines of sixth paragraph, " But, for much of human history mankind struggled with food scarcity, and so obesity has sometimes been viewed as a sign of wealth and prosperity"
 15. (4) Refer the last few lines of last paragraph of the paragraph.
 16. (1) Option (a) cannot be inferred from the passage.
 17. (2) Sloth means reluctance to work or make an effort, laziness. Hence it has same meaning as indolence.
Congruity means the quality of agreeing, being suitable and appropriate.
Eclectic means selecting what seems best of various styles or ideas.
Dour means showing a brooding ill humor.
Onerous means not easily borne, wearing.
 18. (4) Glutton means an excessively greedy eater. Hence it has same meaning as gourmand.
Dispel means to cause to separate and go in different directions.
Disparate means fundamentally different or distinct in quality or kind.
Antithesis means exact opposite.
Construe means make sense of, assign a meaning to.
 19. (4) Prevalence means the fact or condition of being prevalent, commonness. Hence it has opposite meaning as peculiar.
Amenable means disposed or willing to comply.
Bane means something causing misery or death.
Bereft means sorrowful through loss or deprivation.

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Cognizant means having or showing knowledge or understanding or realization.

20. (5) Harbinger means a person or thing that announces or signals the approach of another. Hence it has opposite meaning as antagonist.

Contrite means feeling or expressing pain or sorrow for sins or offenses.

Contentious means showing an inclination to disagree.

Defunct means Inactive

21. (3) 'community' is the correct word to be replaced.

22. (3) 'need' is the most appropriate word.

Exigent means demanding.

23. (4) 'circumstances' best suits the purpose.

24. (5) No correction is required here.

25. (2) 'dwell' is the most appropriate word.

26. (3) 'same' best suits the purpose.

27. (5) 'vivid' is the correct word.

Limpid means unclouded, clear.

28. (4) 'deceive' is the correct word to be replaced.

29. (2) 'fearful' is the correct word.

30. (5) No correction is required here.

31. (2) The pattern is $+1^2, +3^2, +5^2, +7^2, +9^2, \dots$

32. (1) The pattern is $-2, -4, -6, -8, -10, \dots$

33. (4)

7	39	76	120	173	237
	+32	+37	+44	+53	+64
	+5	+7	+9	+11	

34. (2) The pattern is $-29, -27, -25, -23, \dots$

35. (4) The pattern is $+17, +18, +19, +20, \dots$

36. (2) Let principal = P,

$$r = 10\%$$

$$T = 3 \text{ years}$$

$$ATQ,$$

$$P \left(1 + \frac{10}{100}\right)^3 = 5324$$

$$P \left(\frac{100 + 10}{100}\right)^3 = 5324$$

$$P \left(\frac{110}{100}\right)^3 = 5324$$

$$P = 4000$$

37. (3) $20\% = \frac{1}{5}$

	Initial	Final
Price	5	6
Consumption	$\times 6$	-1×5
Expenditure	30	30

Required rate = 1 : 6

38. (3) We can infer that train crosses only platform not its length in $(25 - 15) = 10$ seconds

Speed of the train

$$= \frac{100 \text{ metres}}{10 \text{ sec}} = 10 \text{ m/s}$$

\therefore Train crosses the pole in 15 seconds

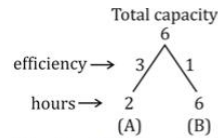
We know that when train crosses a pole/tree/man in these cases it covers the distance equal to its length.

Therefore,

$$\text{Length of train} = 15 \times 10 = 150 \text{ metres.}$$

39. (4) Let side of square be x
 Area of square = x^2
 Side of new formed square = $x + 50\%$ of $x = 1.5x$
 Area of new formed square = $(1.5x)^2$
 $= 2.25x^2$
 Ratio of the area
 (new square) : area of (original square)
 $= 2.25x^2 : x^2$
 $= 9 : 4$

40. (3)



Pipe A will fill 3 units till 11 am.

Remaining capacity = $6 - 3 = 3$ units

Now both pipes will fill the tank in

$$\frac{\text{remaining capacity}}{\text{Efficiency}} = \frac{3}{(3 + 1)} = \frac{3}{4} \text{ hours}$$

So, $\left(11 + \frac{3}{4}\right)$ am, tank will be filled
 $= 11 : 45 \text{ A.M.}$

41. (2) $? = 0.1 + 0.01 + 0.001 = 0.111$

42. (1) $? = 292$

43. (2) $? = \frac{4}{17} \times 17 + \frac{7}{15} \times 15$
 $= 11$

44. (3) $\sqrt{7} = 4 \times 7 + 32$

$$\sqrt{7} = 60$$

$$\Rightarrow ? = 3600$$

45. (5) $? = \frac{14}{5} - \frac{25}{7} \times \frac{21}{10} \times \frac{1}{5}$
 $= \frac{14}{5} - \frac{3}{2}$
 $= \frac{13}{10}$
 $= 1 \frac{3}{10}$

46. (5) Total no. of male students learning Indian Classical in schools P and S together

$$= \frac{5}{8} \times \frac{40}{100} \times 400 + \frac{3}{4} \times \frac{16}{100} \times 375$$

$$= 145$$

And total female students learning Indian Classical in same schools together

$$= \frac{3}{8} \times \frac{40}{100} \times 400 + \frac{1}{4} \times \frac{16}{100} \times 375$$

$$= 75$$

$$\therefore \text{Required ratio} = \frac{145}{75}$$

$$= \frac{29}{15}$$

47. (4) Total students who are below 17 years from Q

$$= \frac{1}{9} \times \frac{24}{100} \times 225$$

$$= 6$$

\therefore Females who are below 17 years

$$= \frac{1}{2} \times 6 = 3$$

\therefore Required no. of females

$$(\geq 17 \text{ years}) = 18 - 3 = 15$$

48. (3) Required difference

$$= \frac{1}{3} \times \frac{24}{100} \times 225 + \frac{3}{5} \times \frac{20}{100} \times 525$$

$$= 18 + 63$$

$$= 81$$

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49. (2) Required average
 $= \frac{1}{3} \times \left(\frac{60}{100} \times 400 + \frac{76}{100} \times 225 + \frac{80}{100} \times 525 \right)$
 $= \frac{1}{3} \times (240 + 171 + 420)$
 $= 277$

50. (4) Total students in Q and S together
 $= \frac{24}{100} \times 225 + \frac{16}{100} \times 375$
 $= 114$
 Total students in P and R together
 $= \frac{40}{100} \times 400 + \frac{20}{100} \times 525$
 $= 265$
 \therefore Required percentage
 $\frac{265 - 114}{265} \times 100$
 $\approx 57\%$

51. (3) $? = \frac{40}{100} \times \frac{60}{100} \times \frac{3}{5} \times 2750 = 396$

52. (4) $(14 + 16 + 14 + 12) + \left(\frac{1}{11} + \frac{3}{11} + \frac{4}{121} + \frac{3}{11} \right) = ?$
 $? = 56 + \left(\frac{11 + 33 + 4 + 33}{121} \right)$
 $= 56 + \frac{81}{121}$
 $= 56 \frac{81}{121}$

53. (5) $49.5 + 987 - 48 = ?$
 Or, $? = 988.5$

54. (1) $? = 700 + 99 = 799$

55. (4) $? = \frac{19600}{70} \times 16 \times \frac{1}{8} \times \frac{1}{14} = 40$

56. (4) Let rate of interest = $r\%$ per annum.

$$\therefore 6.859P = P \left(1 + \frac{r}{100} \right)^3$$

$$\Rightarrow \frac{6859}{1000} = \left(1 + \frac{r}{100} \right)^3$$

$$\Rightarrow \frac{19}{10} = 1 + \frac{r}{100}$$

$$\Rightarrow r = 90\%$$

57. (2) Let length of train = x m

$$\therefore \frac{x + 740}{76} = \frac{x + 270}{38}$$

$$\Rightarrow x = 200 \text{ m}$$

$$\therefore \text{Speed} = \frac{470}{38}$$

$$= 12.36 \text{ m/sec}$$

58. (3) Let Mr. Bansal's total income = Rs. x ATQ,

$$x - \frac{x}{4} - \left(\frac{3x}{4} \times \frac{80}{100} \right) = 1,320$$

$$\Rightarrow \frac{20x - 17x}{20} = 1,320$$

$$\Rightarrow x = \text{Rs. } 8,800$$

59. (2) Let x more days are taken

$$\therefore 14 \times 6 + (14 + 7) \times x = 14 \times 24$$

$$\Rightarrow x = \frac{252}{21}$$

$$\Rightarrow x = 12 \text{ days}$$

60. (4) Let first no. is x

$$\therefore x + \frac{x}{3} + \frac{5x}{4} = 3 \times 279$$

$$\Rightarrow \frac{(12 + 4 + 15)x}{12} = 837$$

$$\Rightarrow x = 324$$

\therefore Required difference

$$= \frac{5}{4} \times 324 - 324$$

$$= 81$$

61. (2) $\frac{87}{100} \times 4000 - 725 \approx \frac{25}{100} \times ?$

$$? \approx (3480 - 725) \times \frac{100}{25}$$

$$? \approx \frac{2755}{25} \times 100 = 110.2 \times 100 = 11,020$$

62. (1) $125 + 100 + 40 \approx \frac{1024}{32} \times 4 + ?$

$$? = 265 - 128$$

$$= 137$$

63. (2) $60 \times 5 \times 15 \approx ? + 2300 - 1000$

$$? = 4500 - 2300 + 1000$$

$$? = 3200$$

64. (5) $? \approx \frac{2}{5} \times 525 + \frac{3}{7} \times 168 - \frac{4}{5} \times 225$

$$? = 2 \times 105 + 3 \times 24 - 4 \times 45$$

$$? = 210 + 72 - 180 = 102$$

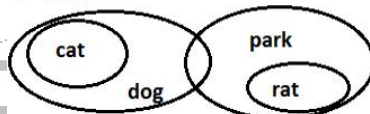
65. (1) $\sqrt{?} + \frac{36}{100} \times 350 - 16 \times 23 \approx -196$

$$\sqrt{?} + 126 - 368 = -196$$

$$\sqrt{?} = 46$$

$$? = 2116$$

66. (2)



67. (4)



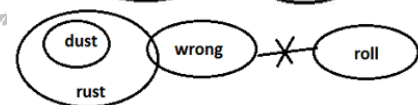
68. (1)



69. (4)



70. (3)



71-75.

Floor	Person	City
7	W	Kernal
6	V	Satna
5	Z	Rewa
4	U	Kurukshetra
3	X	Chandigarh
2	Y	Allahabad
1	T	Bokaro

71. (4)

72. (4)

73. (3)

74. (4)

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75. (3)

76-80.

Years	Persons
2007	D
2008	-----
2009	B
2010	E
2011	F
2012	C
2013	A

76. (2)

77. (4)

78. (1)

79. (1)

80. (5)

81. (4)

82. (1)

83. (2)

84. (1) $B \leq A = N > K \geq S$

85. (3) $B \leq A \geq R < P$ so both are false.

86-90.

Month	Person	Favourite Character
February	Q	Mia
March	R	Vincent
April	N	Jules
June	P	Pumpkin
September	M	Marsellus
October	S	Butch
November	O	Jody

86. (1)

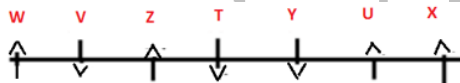
87. (4)

88. (4)

89. (4)

90. (3)

91-95.



91. (2)

92. (1)

93. (3)

94. (4)

95. (5)

96. (4) Number/letter Symbol Letter/Number 9 \$ F, 3 & D and 8% V

97. (3) After dropping all the symbols from the arrangement
COM3D2EK9FNIT41UWH8VJ5Y67Z
So, I is the 12th from the left.

98. (2) *7Z

99. (5)

100. (1) Tenth to the right of the Twenty first element from the right end.
i.e. Eleventh from the right and = H