

IBPS Clerk Preliminary–2021. ICP-2021-110012

HINTS & SOLUTIONS

ANSWER KEY

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

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1. (3) The correct answer to the given question can be inferred from the second paragraph of the passage, 'The economy is facing tighter financial conditions, weak global and domestic demand, with private consumption slowing materially'. Also there is no mention of 'lack of liquidity in the market' in the passage. Hence, option (3) is the correct answer.
2. (5) There are not enough facts in the passage which can answer the given question. Hence, option (5) is the correct answer.
3. (2) The correct answer to the given question can be inferred from the first line of fifth paragraph, 'The reduction in government spending to meet the fiscal deficit target of 3.4% of GDP may also have contributed to the demand slowdown.' Hence, option (2) is the correct answer.
4. (1) The correct answer to the given question can be inferred from the second line of the fourth paragraph, 'The index of industrial production, a quantity-based measure, grew 3.6% in FY19 with full-year manufacturing growing 3.5%.' Hence, option (1) is the correct answer.
5. (4) The correct answer to the given question can be inferred from the second line of the fifth paragraph, 'Public spending and consumption had been propping up growth amid weak private investment and exports' Hence, option (4) is the correct answer.
Propping means support or keep in position.
6. (5) There is absence of sufficient supporting fact which can be used to select the appropriate option. Hence, option (5) is the correct answer.
7. (2) From the given options, only option (2) is the most appropriate alternative which express the correct meaning of the given phrase
8. (3) As per the context of the passage 'tighter financial conditions' means difficult financial conditions. Hence, option (3) is the most appropriate synonym of the given word.
9. (4) In the context of the sentence which is describing about the future situation of the economy, a bleak situation is one which has no future or little hope for the future. Hence, option (4) is the correct answer.
10. (1) Materially means in a significant way; considerably
Negligibly means in a small amount
Extensively means in a way that effects large area
Hence, option (1) is the correct answer.
11. (3) Change 'impac' into 'impact'
12. (4) Change 'requited' into 'required'
13. (5)
14. (2) Change 'willingly' into 'willing'
15. (1) Change 'halve' into 'half'
16. (1) The most suitable set of words to fill the blanks to make the sentence grammatically correct and contextually meaningful is "epicenter, subsequent". Hence, option (a) is the most viable answer choice.
Epicenter means the point on the earth's surface vertically above the focus of an earthquake.
Subsequent means coming after something in time; following.
17. (5) The most suitable set of words to fill the blanks to make the sentence grammatically correct and contextually meaningful is "generous, voluntary". Hence, option (e) is the most viable answer choice.
Generous means showing a readiness to give more of something, especially money, than is strictly necessary or expected.
Voluntary means done, given, or acting of one's own free will.
18. (4) 'spirits, determination, deployed' is the correct use.
Timidity means lack of courage or confidence.
Sobriety means the quality of being staid or solemn.
19. (5) 'though, measure' is the correct set of words making the sentence meaningful.
20. (4) 'negotiations, between' is the correct set of words.
Stipulation means a condition or requirement that is specified or demanded as part of an agreement.
21. (5) There is no need for improvement in the given sentence.

Cut off means take out of a will.
Done over means beat up, ransack.
hand something in means submit.
Looked into means investigated.
Put down means to insult.

22. (3) "acted out in" means express an emotion in your behavior.

Back out of – Not keep an agreement / arrangement.
 Check out – Leave a hotel.

23. (2) **Put across** means explain or state something clearly and understandably.
Put aside means to save.

Look after means Watch or protect; to keep safe.
Pull through means recover from and illness.
Fall over means to stop working suddenly.

24. (5) There is no need to improve the sentence as **broke down** which means **ending negotiations** is correctly used here.

Cut out means remove part of something.
Do away with means discard.

25. (3) **Chipped in** means help.
Got back at means retaliate, take revenge.
Get around means have mobility.

Hold up means to rob
Passed out means give the same thing to many people

26. (2)
 27. (3)
 28. (4)
 29. (2)
 30. (5)

31. (2) $\frac{24}{u} + \frac{54}{v} = 6 \dots \dots (1)$

$\frac{36}{u} + \frac{48}{v} = 8 \dots \dots (2)$

eqn (1) $\times 3$ - eqn (2) $\times 2$

$\frac{72}{u} + \frac{162}{v} = 18$

$\frac{72}{u} + \frac{96}{v} = 16$

$\frac{66}{v} = 2$

$v = 33$

Put in the eqn (1)

$\frac{24}{u} + \frac{54}{33} = 6$

$u = 5.5$

\therefore Speed of the man in still water

$= \frac{33+5.5}{2} = \frac{38.5}{2}$

$= 19.25 \text{ kmph}$

32. (4) $\frac{x - \frac{25x}{100}}{y + \frac{250y}{100}} = \frac{6}{5}$

$\frac{75x - 25x}{350y} = \frac{6}{5}$

$75x = 420y$

$\frac{x}{y} = \frac{420}{75}$

$\frac{x}{y} = \frac{28}{5}$

33. (2) Required area $= \frac{22}{7} \times 7 \times 7$
 $= 154 \text{ cm}^2$

34. (2) Since winning candidate and his rival got 70% of total votes.

$\therefore 34+36=70$

Required minimum margin $= 36-34=2$

35. (4) Net Change $= 20 - 25 - \frac{25 \times 20}{100}$
 $= 0 - 5 - 5$
 $= -10\%$

36. (3) Wrong number = 570

Pattern of series –

16 64 144 256 400 576 784
 \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow
 $(4)^2$ $(8)^2$ $(12)^2$ $(16)^2$ $(20)^2$ $(24)^2$ $(28)^2$
 So, there should be 576 in place of 570.

37. (4) Wrong number = 1290

Pattern of series –

$181 + 23 \times 3 = 250$

$250 + 23 \times 5 = 365$

$365 + 23 \times 7 = 526$

$526 + 23 \times 9 = 733$

$733 + 23 \times 11 = 986$

$986 + 23 \times 13 = 1285$

So, there should be 1285 in place of 1290.

38. (1) Wrong number = 30

Pattern of series –

35 50 120 270 525 910 1450
 \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow
 $+15$ $+70$ $+150$ $+255$ $+385$ $+540$
 \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow
 $+55$ $+80$ $+105$ $+130$ $+155$
 \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow
 $+25$ $+25$ $+25$ $+25$

So, there should be 35 in place of 30.

39. (4) Wrong number = 10

Pattern of series –

13 30 50 79 135 272 652
 \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow
 $+17$ $+20$ $+29$ $+56$ $+137$ $+380$
 \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow
 $+(3)^1$ $+(3)^2$ $+(3)^3$ $+(3)^4$ $+(3)^5$

So, there should be 13 in place of 10.

40. (1) Wrong number = 32

Pattern of series –

$26 + 30 = 56$

$30 + 56 = 86$

$56 + 86 = 142$

$86 + 142 = 228$

$142 + 228 = 370$

So, there should be 30 in place of 32.

41. (1) $\frac{\frac{56}{100} \times 1400}{32 \times ?} = \frac{96}{\frac{56}{100} \times 1200}$

$\Rightarrow \frac{784}{32 \times ?} = \frac{96}{672}$

$\Rightarrow ? = \frac{784 \times 672}{96 \times 32}$

$= 171.5$

42. (3) $? = \sqrt[3]{\frac{140}{100} \times 850 \times 480 \times \frac{1}{340} + 1}$

$? = \sqrt[3]{1680 + 1}$

$? = 41$

43. (3) $\sqrt{?} = \frac{1872}{12 \times 6.5} = 24$

$? = 24^2 = 576$

44. (1) $571 + 477 - 278 = \frac{77}{100} \times ?$

$770 = \frac{77}{100} \times ?$

$? = 1000$

45. (4) $\frac{13}{17} \times \frac{77}{156} \times 153 = ?$

$? = 6$

46-50. Total shirts manufactured by company in April = $2490 \times \frac{100}{83} = 3000$
 Let shirts manufactured by C in April be $40x$.
 So, shirts manufactured by A in April = $40x \times \frac{75}{100} = 30x$
 Now, shirts manufactured by B in April = $40x \times \frac{5}{2} = 100x$
 Shirts manufactured by E in April = $40x + 150$
 And shirts manufactured by D in April = $(650 \times 2) - (40x + 150)$
 $= 1300 - 40x - 150 = 1150 - 40x$
 ATQ,
 $30x + 100x + 40x + 1150 - 40x + 40x + 150 = 3000$
 $170x + 1300 = 3000$
 $170x = 1700$
 $x = 10$

Employee	Shirts manufactured in April
A	300
B	1000
C	400
D	750
E	550

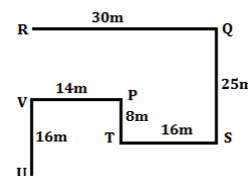
46. (2) Required % = $\frac{300 + 400}{1000} \times 100 = 70\%$
 47. (5) Required difference = $\frac{750 - 550}{25} = 8$
 48. (3) Required average = $\frac{1000 + 400 + 550}{3} = \frac{1950}{3} = 650$
 49. (2) Profit earned by company on each shirt = $32 \times \frac{25}{100} = \text{Rs.}8$
 Required profit = $2490 \times 8 = \text{Rs.}19920$
 50. (2) Shirts manufactured by A & C together in 2 day in April = $\frac{300 + 400}{25} \times 2 = 56$
 Shirts manufactured by B & D together in 1 day in April = $\frac{1000 + 750}{25} = 70$
 Required % = $\frac{70 - 56}{70} \times 100 = 20\%$
 51. (4) Books sold by D & E together in 2018 = $78000 + 82000 = 160000$
 Book sold by B & F together in 2017 = $50000 + 90000 = 140000$
 Required % = $\frac{160000 - 140000}{140000} \times 100 = \frac{20000}{140000} \times 100 = 14\frac{2}{7}\%$
 52. (1) Books sold by A & C together in 2017 = $72000 + 48000 = 120000$
 Books sold by E & F together in 2018 = $82000 + 56000 = 138000$
 Required ratio = $120000/138000 = 20 : 23$
 53. (2) Average number of books sold by A, B & D in 2017 = $\frac{72000 + 50000 + 64000}{3} = 62000$
 Average number of books sold by C & E in 2018 = $\frac{70000 + 82000}{2} = 76000$
 Required difference = $76000 - 62000 = 14000$
 54. (5) Books sold by A, C & F together in 2017 = $72000 + 48000 + 90000 = 210000$
 Books sold by A, D & E together in 2018 = $90000 + 78000 + 82000 = 250000$
 Required % = $\frac{210000}{250000} \times 100 = 84\%$
 55. (2) Total books sold by all 6 companies in 2018 = $90000 + 84000 + 70000 + 78000 + 82000 + 56000 = 460000$
 Total books sold by all 6 companies in 2017 = $72000 + 50000 + 48000 + 64000 + 56000 + 90000 = 380000$
 Required % = $\frac{460000 - 380000}{380000} \times 100 = \frac{80000}{380000} \times 100 = \frac{400}{19}\% = 21.052\% = 20\%$ (approx.)
 56. (1) When compounded yearly,
 Student = 200
 When compounded half - yearly
 $r = 2\%, n = 2$
 \therefore interest = 202
 \therefore difference = $202 - 200 = 2$

57. (4) speed of john = 30 km/hr
 Speed of max = 40 km/hr
 Let distance b/w p and m = x km
 $\frac{650 - x}{30} = \frac{x}{40} + 3$
 $7x = 2240$
 $x = 320$ km
 58. (2) Let Boys = x
 Girls = y
 $\therefore 23.25 = \frac{(30x + 20y)}{x + y}$
 $23.25x + 23.25y = 30x + 20y$
 $6.75x = 3.25y$
 $\frac{x}{y} = \frac{13}{27}$
 59. (3) Cost Price = $1080 \times \frac{88}{100} \times \frac{100}{108} = 880$
 60. (2) $\frac{4}{5} = 80\%$
 $(80 - 45) = 35\%$ of the no. = 56
 65% of the no. = $\frac{56}{35} \times 65 = 104$
 $\frac{75}{100} \times 3200 + 81 = (?)^3 + 71 \times 4$
 $2400 + 81 - 284 = (?)^3$
 $(?)^3 = 2197$
 $? = 13$
 $\frac{20}{100} \times 420 \times 1200 \times \frac{1}{1800} = ?$
 $? = 56$
 $472 + ? = 1216 - 25 \times 13$
 $? = 1216 - 325 - 472$
 $? = 419$
 64. (4) $\frac{?}{100} \times 1450 + 2400 \times \frac{1}{96} = 41 \times 19$
 $? \times 14.5 + 25 = 779$
 $? = \frac{779 - 25}{14.5}$
 $? = 52$
 $\frac{56}{100} \times ? + 784 = 16 + 64 \times 75$
 $\frac{56}{100} \times ? = 16 + 4800 - 784$
 $? = \frac{4032 \times 100}{56}$
 $? = 7200$
 66. (4) I. $G \leq A$ (False) II. $K > G$ (False)
 67. (3) I. $Q < S$ (False) II. $D = S$ (False)
 68. (1) I. $L > W$ (True) II. $P > W$ (False)
 69. (1) I. $A < L$ (True) II. $W > A$ (False)
 70. (4) I. $W > G$ (False) II. $F > U$ (False)

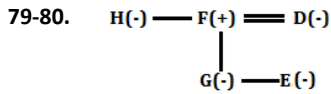
71-75.

Floor	Person
7	I
6	Q
5	R
4	P
3	M
2	S
1	L

71. (2)
 72. (3)
 73. (4)
 74. (1)
 75. (3)
76-78.

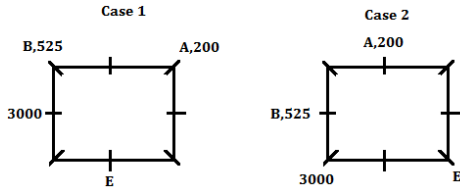


76. (3)
 77. (2)
 78. (1)

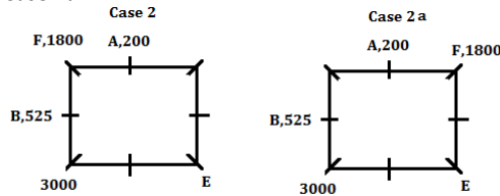


79. (1)
 80. (1)

81-85. From the given statements, A gets 200 and sits 3rd to the right of E. Here we have two possibilities i.e. Case 1 and Case 2. There is one farmer sits between E and the one who gets 3000, who is not sit near to A. B gets 525 but not sit near to A and E.

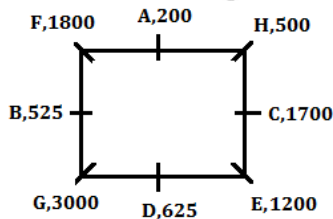


From the given statements, F gets 1800 and sits diagonally opposite to either E or the one who gets 3000. Here Case 1 is ruled out now and one more possibility added i.e. Case 2a.



From the given statements, No one sits between H and C, who gets 100 less than F. D sits 3rd to the left of H. Now case 2a is ruled out here. C does not sit at the corner. G and the one who gets 625 are sit near to each other. H does not get 1200.

So, the final arrangement is such as -



81. (1)
 82. (3)
 83. (2)
 84. (4)
 85. (5)

86-90. From the given statements, three persons play between H and I. There are as many persons play games after F, who plays Baseball as before K, who plays Basketball. F doesn't play on Wednesday. The Person who plays Cricket play before the person who plays Football and after I. Here, we get two possibilities i.e. Case 1 and Case 2.

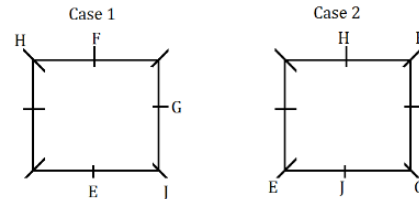
Days	Case 1	Case 2
	Persons	Games
Monday	I	
Tuesday		Cricket/
Wednesday	K	Basketball
Thursday	F	Baseball
Friday	H	Cricket/Football/
Saturday		Football/

From the given statements, the person who plays Volleyball play before G and after J. I doesn't play Hockey. Here, Case 1 is ruled out. So, the final arrangement will be: -

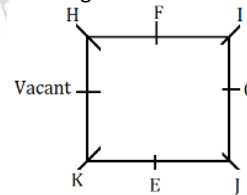
	Persons	Games
Monday	J	Hockey
Tuesday	I	Volleyball
Wednesday	K	Basketball
Thursday	F	Baseball
Friday	G	Cricket
Saturday	H	Football

86. (2)
 87. (4)
 88. (5)
 89. (3)
 90. (4)
 91-95.

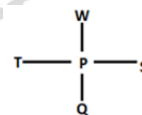
From the given statements, G sits 2nd to the right of E. Both E and F are facing to each other. F is an immediate neighbor of H. J sits opposite to H, who is not an immediate neighbor of G. Here, we get two possibilities i.e. Case 1 and Case 2.



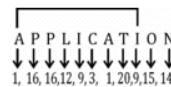
From the given statements, I and K sits opposite to each other. I is not an immediate neighbor of E. Vacant seat is not at the corner of square. Here, Case 2 is ruled out. So, the final arrangement will be: -



91. (1)
 92. (2)
 93. (2)
 94. (1)
 95. (1)
 96-97.



96. (1)
 97. (2)
 98. (1)



99. (1)
 100. (1)