

All India Mock Test for IBPS Clerk Prelims 2020 (Solutions)

S1. Ans.(c)

Sol. The correct answer is option C. Refer to the first & second paragraph.

S2. Ans.(a)

Sol. The correct answer is option (a). Refer to the third paragraph.

S3. Ans.(e)

Sol. The correct answer is option (e). Refer to the third paragraph.

S4. Ans.(e)

Sol. The correct answer is option (e).

S5. Ans.(b)

Sol. The tone of the passage is informative. Author informs us about the challenges after covid-19, how the problem of migration, urbanisation adds up in deteriorating the condition of people.

S6. Ans.(d)

Sol. The correct answer is option d. Cornerstone means foundation, base, fundamental.

Hence, the synonym of the given word is – Bedrock which means foundation. As, in the passage it says good affordable housing is the cornerstone (foundation) of sustainable city

S7. Ans.(c)

Sol. The correct answer is option c – strong.

Decrepit – It means weak, frail, feeble.

So, the antonyms of the given word will be strong.

As in the passage it talks about infrastructure which is weak.

S8. Ans.(d)

Sol.- The correct answer is option d.

The title `challenges & opportunities : post covid 19 best fits in as the entire passage informs about it.

S9. Ans.(b)

Sol. Haze can fit in the blank to make it grammatically and contextually correct sentence.

Haze – It means the degree of cloudiness or turbidity.

Hence, option (b) is the right answer .

S10. Ans.(d)

Sol – Trapped by can fit the blank (10) to make it grammatically and contextually correct sentence.

Trapped by – means confined by ,close in .

Hence, option (d) is the right answer .



S11. Ans.(c)

Sol. concentration can fit the blank (11) to make it grammatically and contextually correct sentence.
Concentration – The relative amount of a particular substance contained within a solution or mixture or in a particular volume of space. Hence, option (c) is the right answer .

S12. Ans.(e)

Sol. Respite can fit the blank (12) to make it grammatically and contextually correct sentence.
Respite – Relief which best fits in here.
Hence, option (e) is the right answer .

S13. Ans.(e)

Sol. Drives up can fit the blank (13) to make it grammatically and contextually correct sentence.
Drives up – to carry out something, to increase rapidly.
Linger on – to cease.
Under the weather – unwell
Hence, option (e) is the right answer .

S14. Ans.(d)

Sol. Relent can fit the blank (14) to make it grammatically and contextually correct sentence.
Relent – to ease. It fits well here.
Hence, option (d) is the right answer .

S15. Ans.(a)

Sol. Sooner can fit the blank (15) to make it grammatically and contextually correct sentence.
Hence, option (a) is the right answer .

S16. Ans.(a)

Sol. The error lies in part (A) of the sentence. "I were" is called the subjunctive mood, and is used when you're are talking about something that isn't true or when you wish something was true.

S17. Ans.(e)

Sol. The sentence is grammatically correct.

S18. Ans.(c)

Sol. 'was' should be replaced by 'were' . The subject should agree with the verb. For a singular subject we use a singular verb and for a plural subject we use a plural verb. The expression the number is followed by a singular verb while the expression a number is followed by a plural verb.

S19. Ans.(d)

Sol. The error lies in part (D) of the sentence. When the Subjects joined by 'or/nor' are of different numbers, the Verb must be Plural, and the Plural Subject must be placed next to the Verb. The correct sentence should be "Neither the Headmaster nor the Assistant Masters were present"

S20. Ans.(a)

Sol. The error lies in part (A) of the sentence. Every Participle must have a Subject of Reference. The correct sentence should be "It being a rainy day Vijay decided to stay at home."

S21. Ans.(d)

Sol. In the given sentence, 'vengeance' and 'killed' at their current position fails to impart valid meaning to the sentence. But interchanging them will make the given sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (d).

The superhero is a **revenant(A)** who left his **grave(B)** to seek **vengeance(D)** against those people who **killed(C)** him.

S22. Ans.(b)

Sol. In the given sentence, 'bouquet' and 'deceased' at their current position fails to impart valid meaning to the sentence. But interchanging them will make the given sentence both grammatically and contextually correct. Same for 'resonance' & 'contains'. Hence, the correct answer choice would be option (b).

The **bouquet(D)** has a lot of **resonance(C)** for me because it **contains(B)** a few of the flowers favored by my **deceased(A)** mother.

S23. Ans.(c)

Sol. In the given sentence, 'Unfortunately' and 'economy' & at their current position fails to impart valid meaning to the sentence. But interchanging them will make the given sentence both grammatically and contextually correct. Same goes for 'retroflex' & 'financial'. The hint is say 'cost estimation'. Hence, the correct answer choice would be option (c).

Unfortunately(B), the **economy(A)** is moving in a **retroflex(D)** pattern and erasing all the **financial(C)** gains made earlier in the year.

S24. Ans.(b)

Sol. In the given sentence, 'uphold and 'strove & at their current position fails to impart valid meaning to the sentence. But interchanging them will make the given sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (b).

Although the board **members(B)** come from different **backgrounds(A)**, they share the **commonality(C)** of caring about their **community(D)**.

S25. Ans.(a)

Sol. In the given sentence, 'concerns' and 'consul' & at their current position fails to impart valid meaning to the sentence. But interchanging them will make the given sentence both grammatically and contextually correct. Here hint is we say data breaching. Hence, the correct answer choice would be option (a).

The **diplomat(A)** will work as his nation's **consul(C)** by supporting the **concerns(B)** of his homeland while **residing(D)** abroad.

S26. Ans.(d)

Sol. From the given words, spelling of 'resided'(to live permanently) is incorrect, instead it should be 'receded' which means to go back, diminish. Hence, the correct answer choice would be option (d)

S27. Ans.(a)

Sol. From the given words, spelling of 'sever' (it means to suspend, end) is incorrect, instead it should be 'severe' which means harsh. Hence, the correct answer choice would be option (a)

S28. Ans.(a)

Sol. From the given words, spelling of 'appalling' (it means evil, disgusting) is incorrect, instead it should be 'appealing' which means to call, to address, to beg. Hence, the correct answer choice would be option (a)

S29. Ans.(c)

Sol. From the given words, spelling of 'heaven' (it means blise,paradise) is incorrect, instead it should be 'havens' which means shelter,harbor.(ecological shelter) Hence, the correct answer choice would be option (c)

S30. Ans.(a)

Sol. From the given words, spelling of 'farther' (it indicates distance) is incorrect, instead it should be 'further' which means additional. Further and farther both mean to a greater distance or extent. farther means a greater distance in a literal, physical sense i.e. it can be measured, whereas further is a greater figurative or metaphorical distance. the correct answer choice would be option (a).

S31. Ans.(e)

Sol. let CP be Rs. A

$$\text{So, MP of article} = \frac{130}{100} \times a = \text{Rs. } 1.3a$$

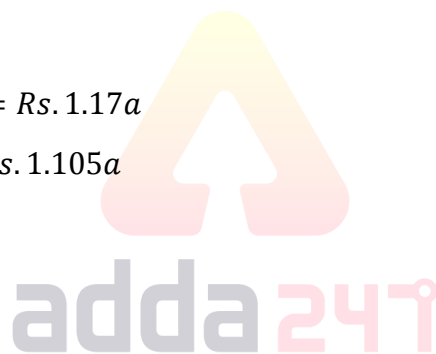
$$\text{And, New SP of article} = \frac{90}{100} \times 1.3a = \text{Rs. } 1.17a$$

$$\text{Earlier SP of article} = \frac{85}{100} \times 1.3a = \text{Rs. } 1.105a$$

$$\text{Gain} = 1.17a - 1.105a = 52$$

$$0.065a = 52$$

$$a = \text{Rs. } 800$$

**S32. Ans.(c)**

Sol. Total interest received in eight years=4816-2800=Rs 2016

$$\text{Interest for first four years} = \frac{2800 \times 4 \times 12}{100} = \text{Rs } 1344$$

$$\text{So, interest for last 4 years} = 2016 - 1344 = \text{Rs } 672$$

$$\text{Interest rate for last 4 years} = \frac{672 \times 100}{2800 \times 4} = 6\%$$

S33. Ans.(c)

Sol.

$$\frac{1}{A} + \frac{1}{B} = \frac{1}{15} \dots\dots (i)$$

$$\frac{1}{A} + \frac{1}{B} + \frac{1}{C} = \frac{1}{9} \dots\dots (ii)$$

By subtracting eqn (1) from (2), we get

$$\frac{1}{C} = \frac{1}{9} - \frac{1}{15}$$

$$\frac{1}{C} = \frac{5-3}{45}$$

$$C = 22.5 \text{ days}$$

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S34. Ans.(b)**Sol.** Let speed of B be $4x$ km/hr

Speed of A = $4x \times \frac{75}{100} = 3x$ km/hr

Relative speed = $3x + 4x = 7x$ km/hr

$$7x \times \frac{3}{60} = 4.2$$

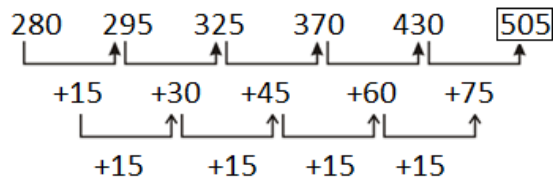
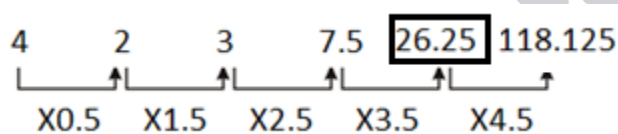
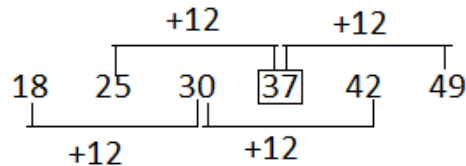
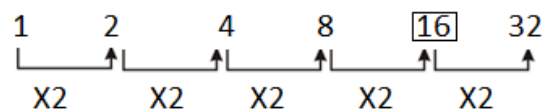
$$x = 12 \text{ km/hr}$$

Difference in their speed = $4x - 3x = x = 12$ km/hr**S35. Ans.(d)****Sol.** Let present age of son be x yearsHence, age of mother = $(x + 25)$ years







According to the question, $\frac{x+7}{(x+25)+7} = \frac{1}{2}$

$$2x + 14 = x + 32$$

$$x = 32 - 14 = 18 \text{ yrs}$$

S36. Ans.(c)**Sol.** Pattern of series -**S37. Ans.(e)****Sol.** Pattern of series -**S38. Ans.(a)****Sol.** Pattern of series -**S39. Ans.(d)****Sol.** Pattern of series -

S40. Ans.(b)**Sol.** Pattern of series -

121	144	169	196	225	256
					
11^2	12^2	13^2	14^2	15^2	16^2

S41. Ans.(c)**Sol.** Total watches manufactured by A, B & C = $\frac{20+15+25}{100} \times 2000 = 1200$

Required average = $\frac{1200}{3} = 400$

S42. Ans.(c)**Sol.** Required ratio = $\frac{10+25}{100} \times 2000 : \frac{20+20}{100} \times 2000 = 7:8$ **S43. Ans.(b)****Sol.** Total watches manufactured by C = $\frac{25}{100} \times 2000 = 500$ Total watches manufactured by F = $\frac{10}{100} \times 2000 = 200$

Required percentage = $\frac{500-200}{200} \times 100 = 150\%$

Alternate,

Required percentage = $\frac{25-10}{10} \times 100 = 150\%$

S44. Ans.(e)**Sol.** in next year

Total number of watches manufactured by B = $\frac{110}{100} \times \frac{15}{100} \times 2000 = 330$

Total number of watches manufactured by D = $\frac{90}{100} \times \frac{10}{100} \times 2000 = 180$

Required difference = $330 - 180 = 150$

S45. Ans.(b)**Sol.** Watches manufactured by A = $\frac{20}{100} \times 2000 = 400$

Watches manufactured by C = $\frac{25}{100} \times 2000 = 500$

Watches manufactured by D = $\frac{10}{100} \times 2000 = 200$

Watches manufactured by F = $\frac{10}{100} \times 2000 = 200$

Required sum = $400 + 500 + 200 + 200 = 1300$

S46. Ans.(d)**Sol.** Statement I: speed of bus = $\frac{200}{4} = 50$ kmph

Statement II: speed of bus = $20 \times \frac{100}{40} = 50$ kmph

Clearly, either statement is sufficient

S47. Ans.(c)

Sol. Let length of train & platform be l & x m respectively. Speed of train be S m/s

Statement I: $\frac{l+x}{S} = 40$; no value of x can be determined

Statement II: $l = \frac{x}{2}$; no value of x can be determined

Since, we have 3 unknown factors which cannot be determined even if using both statements.

So, neither statement I nor statement II is sufficient.

S48. Ans.(b)

Sol. Statement II: let female employee be x

So, male employee = $\frac{120}{100} \times x = 1.2x$

Required ratio = $\frac{1.2x}{x} = 6:5$

Clearly, Statement II is alone sufficient.

S49. Ans.(a)

Sol. Statement I: salary of Parv = $1000 \times \frac{100}{10} = \text{Rs. } 10000$

Statement II: expenditure = 4000 + savings; salary cannot be determined

Only, Statement I is sufficient

S50. Ans.(e)

Sol. From Statement I & II

Present population = $\frac{110}{100} \times 2000 = 2200$

So, both statements are required to answer

S51. Ans.(b)

Sol. $8\sqrt{?} \div 14 \times 3 + 9 = 21$

$$\frac{8\sqrt{?}}{14} \times 3 + 9 = 21$$

$$\frac{24\sqrt{?}}{14} + 9 = 21$$

$$\sqrt{?} = 7$$

$$\Rightarrow ? = 49$$

S52. Ans.(c)

Sol. $\frac{20}{100} \times 160 \times \frac{4}{64} = ?$

$$? = 2$$

S53. Ans.(d)

Sol. $23 + 13 - \frac{10}{100} \times 200 = ?$

$$? = 36 - 20 = 16$$

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S54. Ans.(b)

$$\text{Sol. } (12)^3 + ?^2 = \frac{36}{100} \times 5200$$

$$1728 + ?^2 = \frac{36}{100} \times 5200$$

$$1728 + ?^2 = 1872$$

$$?^2 = 1872 - 1728$$

$$?^2 = 144$$

$$? = 12$$

S55. Ans.(e)

$$\text{Sol. } 121 + ? = \frac{96}{100} \times 500$$

$$? = 480 - 121$$

$$? = 359$$

S56. Ans.(e)

$$\text{Sol. } ? \times \frac{700}{100} = 601 - 38 \times \frac{550}{100}$$

$$? = 56$$

S57. Ans.(c)

$$\text{Sol. } ? = 16^2 \times \frac{28^2}{8^4} = 49$$

S58. Ans.(b)

$$\text{Sol. } \frac{25 \div 4 \times 6}{3} = ?$$

$$? = 12.5$$

S59. Ans.(c)

$$\text{Sol. } (390 + 310 - 225) 4 = ?$$

$$(700 - 225) 4 = ?$$

$$475 \times 4 = ?$$

$$? = 1900$$

S60. Ans.(a)

$$\text{Sol. } \frac{1250}{25} - \frac{180}{6} = ?$$

$$50 - 30 = ?$$

$$? = 20$$

S61. Ans.(a)

Sol. If 'a' litres of water is added to the mixture, the ratio of milk and water will be 14:5

$$\frac{14}{5} = \frac{\frac{7}{8} \times 128}{\frac{1}{8} \times 128 + a}$$

$$\frac{14}{5} = \frac{112}{a+16}$$

$$14a + 224 = 560$$

$$14a = 336$$

$$a = 24 \text{ litres}$$



S62. Ans.(e)**Sol.** Let speed of stream be u km/hr

According to the question,

$$\frac{54}{15+u} + \frac{54}{15-u} = 7.5$$

$$\frac{18}{15+u} + \frac{18}{15-u} = \frac{5}{2}$$

$$\frac{18(15-u+15+u)}{(15+u)(15-u)} = \frac{5}{2}$$

$$216 = 225 - u^2$$

$$u^2 = 9$$

$$u = 3 \text{ km/hr}$$

$$\text{Time required to travel 48 km in upstream} = \frac{48}{15-3} = \frac{48}{12} = 4 \text{ hrs}$$

S63. Ans.(a)

$$\text{Sol. Required average} = \frac{7.5 \times 6 + 8.5 \times 2 + 42}{10} = 10.40 \text{ run/over}$$

S64. Ans.(b)**Sol.** Let red covers be 'x'

$$\text{ATQ, } \frac{x}{5} = 0.6 \Rightarrow x = 3$$

$$\text{Green covers} = 5 - 3 = 2$$

S65. Ans.(b)**Sol.** Let marks scored by Ravi = x

$$\text{Marks of Ronit} = \frac{90}{100}x = 0.9x$$

$$\text{Marks of Raj} = \frac{130}{100} \times 0.9x = 1.17x$$

$$\text{Marks of Jai} = \frac{120}{100} \times 1.17x = 1.404x$$

$$\text{Required \%} = \frac{1.404x}{x} \times 100 = 140.4\%$$

S66. Ans.(d)**Sol.** New arrangement will be 855 582 761 344 683**S67. Ans.(a)****S68. Ans.(c)****Sol.** $825 - 443 = 382$ **S69. Ans.(d)****S70. Ans.(a)**

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Solutions (71-75):

From the given statements, there is a gap of three floors between J and L and both of them live on odd number of floors. Here we get 2 possibilities i.e. Case 1 and Case 2. I lives on the 6th floor.

Floors	Case 1	Case 2
	Persons	Persons
8		
7		L/J
6	I	I
5	L/J	
4		
3		J/L
2		
1	J/L	

J lives above I. Here Case 1 is ruled out now. Only one person lives between L and M.

Floors	Case 2
	Persons
8	
7	J
6	I
5	M/
4	
3	L
2	
1	M/

N lives just above H, who lives on an even numbered floor. Three persons live between K and H.

So, the final arrangement-

Floors	Persons
8	K
7	J
6	I
5	N
4	H
3	L
2	G
1	M

S71. Ans.(d)

S72. Ans.(c)

S73. Ans.(a)

S74. Ans.(c)

S75. Ans.(e)

S76. Ans.(a)

Sol. I. $E < K$ (True) **II.** $K < H$ (False)

S77. Ans.(e)

Sol. I. $P > S$ (True) **II.** $B > S$ (True)

S78. Ans.(d)

Sol. I. $M > T$ (False) **II.** $M \leq O$ (False)

S79. Ans.(d)

Sol. I. $X > U$ (False) **II.** $A \leq Y$ (False)

S80. Ans.(c)

Sol.

Shweta > Parag > Neha > Raksha > Pankaj > Ritu > Vipin

180cm 159cm 131cm

$180 + 131 = 311\text{cm}$

S81. Ans.(d)

Sol.

Shweta > Parag > Neha > Raksha > Pankaj > Ritu > Vipin

180cm 159cm

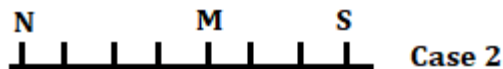
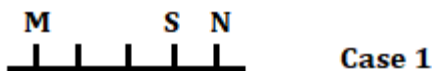
S82. Ans.(d)

Sol.

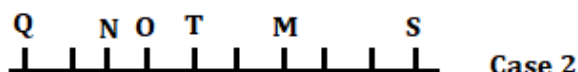
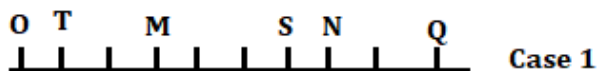
Shweta > Parag > Neha > Raksha > Pankaj > Ritu > Vipin

180cm 159cm

Solutions (83-87): From the given statements, S sits third to the right of M. Three persons sit between M and N. Here, we have two possible cases i.e. case1 and case2:



T sits second to the left of M. One person sits between N and Q who is not an immediate neighbour of S. O sits immediate left of T.



Number of persons sit to the right of O is same as the number of persons sit to the left of Q. Q sits at one of the extreme ends. So, case 2 gets eliminated here and the final arrangement is-



S83. Ans.(d)

S84. Ans.(c)

S85. Ans.(b)

Sol.



S86. Ans.(c)

S87. Ans.(d)

Solutions (88-92): From the given conditions:

J was born in March and is not born on an even date. Hence, he was born on 17th of March. Two persons were born between J and the one who was born on an even number date. N was born immediately after P. Here we get four possibilities.

Month	Case-1		Case-2		Case-3		Case-4	
	Person	Date	Person	Date	Person	Date	Person	Date
MARCH	J	17	J	17	J	17	J	17
APRIL	P							
MAY	N		P					
JUNE		24	N	24	P	24		24
JULY					N		P	
AUGUST							N	
T								

P was not born in a month that has 31 numbers of days. Hence case 2 and case 4 get eliminated. N was not born in the month of May. Hence case 1 gets eliminated. Two persons were born between N and the one that has birthday on 17th date. The youngest person was born on 24th date. No three persons have their birthday on same date consecutively. M was born after K. L was not born on an even date. So, the final arrangement will be:

Date	Month	Person
17	MARCH	J
17	APRIL	L
24	MAY	K
24	JUNE	P
17	JULY	N
24	AUGUST	M

S88. Ans.(a)

S89. Ans.(b)

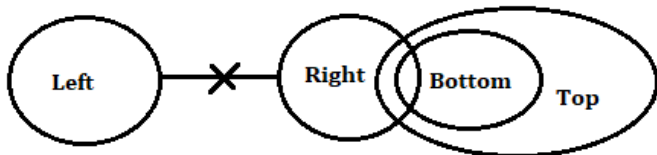
S90. Ans.(c)

S91. Ans.(b)

S92. Ans.(c)

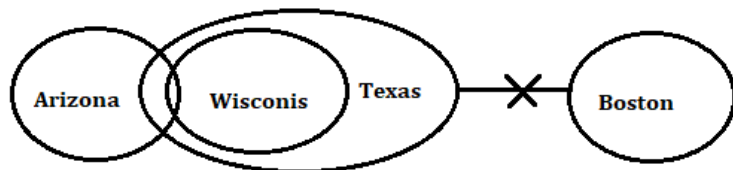
S93. Ans.(c)

Sol.



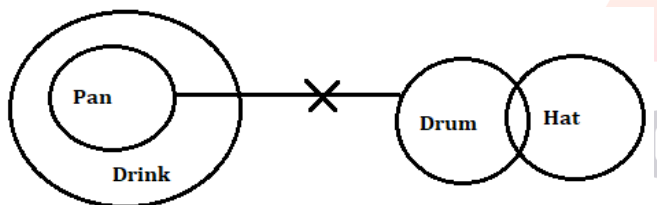
S94. Ans.(b)

Sol.



S95. Ans.(e)

Sol.



S96. Ans.(a)

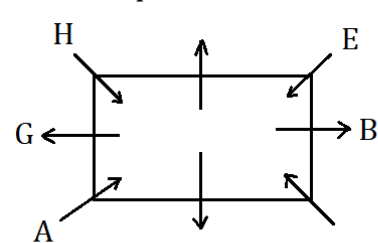
Sol.

2 6 1 4 9 5 8 3 7

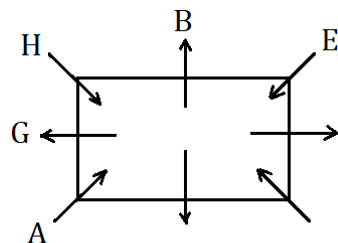
3 7 0 5 8 4 9 2 6

0 2 3 4 5 6 7 8 9

Solutions (97-100): From the given statements, E faces the centre and sits second to the left of H. E sits fourth to right of A. H sits immediate right of G. There are two persons sitting between A and B. So, we have two possible cases:

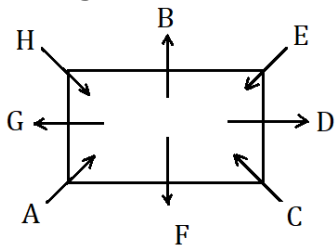


case-1



case-2

D sits second to the right of B. F and C are immediate neighbors of each other. So, case-1 is eliminated. C sits at the corner. So, the final arrangement is:



S97. Ans.(c)

S98. Ans.(e)

S99. Ans.(a)

S100. Ans.(e)

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