

# SBI Clerk Pre 2022 25th Nov Memory Based Paper







**Direction:** Study the following data carefully and answer the questions accordingly.

There are eight people living in a four-story building as the ground floor is numbered 1 and the floor just above it numbered 2 so on till the top floor is numbered 4. Each of the floors has 2 flats i.e., flat-P and flat-Q. Flat-P is to the west of flat-Q. Flat-P of floor 2 is immediately above flat-P of floor 1 and immediately below flat-P of floor 3 and so on. All the information is not necessarily in the same order.

D lives in flat Q on an odd-numbered floor. A lives just above D in a different flat. There is only One floor between A and G. Both A and G live in a different flat. C lives below G in the same flat. There is only one floor between C and F. F does not live with D on the same floor. E lives below F. H lives above E in the same flat. B and H lives in a different flat.

- 1. Which of the following lives in the same flat?
- A. F and G
- B. B and A
- C. E and H
- D. D and E
- E. None of these
- 2. Which statement is correct?
- I. E lives above G
- II. A and H lives on a same flat
- III. C lives above F
- A. Only I
- B. Only II
- C. Both I and II
- D. Both II and III
- E. None





- 3. Four of the following five are alike in a certain way and hence form a group. Which amongst the following does not belong to that group?
- A. F
- B. E
- C. H
- D.B
- E. A
- 4. Who lives above H?
- A. E
- B. F
- C. A
- D. C
- E. D
- 5. Who amongst the following live on the same floor?
- A. F and B
- B. A and D
- C. E and D
- D. F and E
- E. None of these

**Direction**: In the question below are given three statements followed by the conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

#### 6. Statement:

Some Spray is Paint

All Paint is Dark

No Paint is Shade

#### **Conclusion:**

- I. Some Dark is not Shade
- II. All Spray being Shade is a possibility.





- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Both I and II follow
- E. Neither I nor II follows

#### 7. Statement:

No Bold is High

No High is Rope

Some High is Pan

### **Conclusion:**

- I. No Bold being Pan is a possibility
- II. Some Rope is Bold
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Both I and II follow
- E. Neither I nor II follows

#### 8. Statement:

All Can is Fab

All Fab is Mike

No Fab is Gap

#### **Conclusion:**

- I. Some Can being Gap is a possibility
- II. Some Mic is Gap
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Both I and II follow
- E. Neither I nor II follows





**Direction:** What should come in place of the question mark '?' in the following question?

9. 
$$37.5\%$$
 of  $320 + 49\%$  of  $? = 267$ 

- A. 225
- B. 270
- C. 300
- D. 420
- E. 450

$$10.3\frac{2}{5}\%$$
 of ? × 18 + 136 = 17<sup>2</sup>

- A. 210
- B. 250
- C. 330
- D. 375
- E. 140

$$11.24 \times 9.5 - 15 \div 1.2 \times 16 = ?$$

- A. 112
- B. 18
- C. 36
- D. 28
- E. 136

$$12.11 \div \frac{187}{13} + \frac{4}{119} \times 7 = \frac{?}{\sqrt{441}}$$

- A. 21
- B. 9
- C. 14
- D. 34
- E. 27





**Direction:** In the following question two equations are given in variables x and y. You have to solve these equations and determine the relation between x and y.

13.

I. 
$$x^2 + 12x + 35 = 0$$

II. 
$$2y^2 + 15y + 27 = 0$$

B. 
$$x > y$$

C. 
$$x \le y$$

D. 
$$x \ge y$$

E. x = y or no relation can be established

14.I. 
$$x^2 - 17x + 66 = 0$$

II. 
$$y^2 - 3y - 18 = 0$$

B. 
$$x > y$$

C. 
$$x \le y$$

D. 
$$x \ge y$$

E. x = y or no relation can be established

15. The ratio of length to breadth of rectangle is 7: 4 and the perimeter of rectangle is 176 cm. If the length of rectangle is 60% more than the diameter of circle, what is the circumference of circle?

A. 88 cm

B. 110 cm

C. 132 cm

D. 144 cm

E. 128 cm

16.A and B invested some amount of money in the ratio of 5: 7 for the same period in the business. 25% of the profit was to be given to Prime Minister Care Fund as a donation and the remaining amount of profit was to be divided among them in ratio of their investment. If the profit share received by A is Rs. 30000 then find the profit share of B.

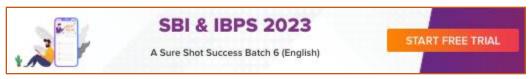




- A. Rs. 45000
- B. Rs. 42000
- C. Rs. 36800
- D. Rs. 32600
- E. None of these
- 17.A shopkeeper marked his article 60% more than the cost price and gives a discount of 25% to his customer. If the amount paid by customer is Rs. 3720, find the profit earned by the shopkeeper.
- A. Rs. 750
- B. Rs. 570
- C. Rs. 480
- D. Rs. 510
- E. Rs. 620
- 18.Train-A crosses a 270 m long platform in 29 seconds and a stationary pole in 11 seconds. If the ratio of speed of train-A to train-B is 5: 6 and the length of train B is 180 m, find the time taken by train B to cross the platform.
- A. 20 seconds
- B. 16 seconds
- C. 32 seconds
- D. 25 seconds
- E. None of these

**Direction:** Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

- 19. Various ecological issues (1)/ has come to the fore (2)/ since the discovery of the (3)/ hole in the ozone layer. (4)
- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

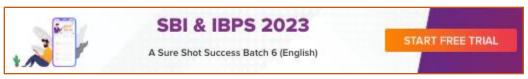




- 20. The new (1)/ hospital will be (2)/ official opened by (3)/ the mayor on Tuesday. (4)
- A. 1
- B. 2
- C. 3
- D. 4
- E. No error
- 21. The child was (1)/ instructed not to (2)/ press any button (3)/ during waiting for the cue. (4)
- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

**Direction**: In the given question, five words are printed in bold and are numbered A, B, C, D and E. The positions of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged. ###DONE### 22. He is **tireless**(A) for his hands-on **approach** (B) in **recruiting** (C) and a **respected** (D) work **ethic**.(E)

- A. A-C
- B. C-D &B-C
- C. A-D
- D. A-B & C-E
- E. No exchange required
- 23.One of the **attractive** (A) **less** (B) **earthquakes** (C) of California is the **threat** (D) of **features**.(E)
- A. A-C
- B. C-D &B-C
- C. A-D
- D. A-B & C-E
- E. No exchange required





- 24. They were **several** (A) in the **capital** (B) at the time of the **riots** (C) and witnessed **staying**(D) street **battles**.(E)
- A. A-D
- B. C-E &B-C
- C. A-C
- D. A-B & C-B
- E. No exchange required

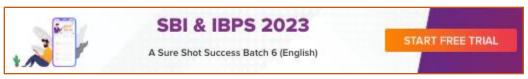
**Direction**: In the following question, a word is given that is followed by three statements. All these three statements carry the given word. Identify the sentence(s) in which the word fits to make them grammatically correct and meaningful.

#### 25. **Toll**

- I. Cable companies must treat all online traffic equally, without imposing higher **tolls** for certain content.
- II. The death **toll** from the earthquake was over a million.
- III. We believe the new law will be an effective **toll** in fighting poverty.
- A. Only I
- B. Only II
- C. Only III
- D. Both I and II
- E. Both II and III

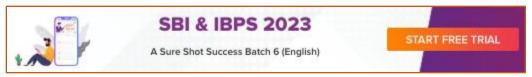
**Direction:** In the given statement some words have been highlighted. These words may not be at the correct place making the sentence grammatically and contextually incorrect. Choose the option which represents the correct sequence of words, which will make the sentence grammatically and contextually correct.

- 26. It is harder to **moral** (A) out experts in **pick** (B) and political matters than it is in **medical** (C) or musical matters.
- A. BAC
- B. CAB
- C. ACB
- D. CBA
- E. No rearrangement required





- 27.We hold persons **actions** (A) and legally responsible for their own actions and the **implications** (B) of those **morally**. (C)
- A. BAC
- B. CAB
- C. ACB
- D. CBA
- E. No rearrangement required
- 28.He held me **personally** (A) responsible whenever **anything** (B) went wrong in the **project**. (C)
- A. BAC
- B. CAB
- C. ACB
- D. CBA
- E. No rearrangement required





# **ANSWERS**

## 1. Ans. C.

Flat and Floor	P	Q
4	F	G
3	Н	В
2	A	С
1	Е	D

## 2. Ans. B.

Flat and Floor	P	Q
4	F	G
3	Н	В
2	A	C
1	Е	D

## 3. Ans. D.

Flat and Floor	P	Q
4	F	G
3	Н	В
2	A	С
1	Е	D





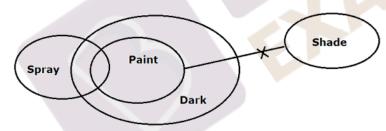
## 4. Ans. B.

Flat and Floor	P	Q
4	F	G
3	Н	В
2	A	С
1	Е	D

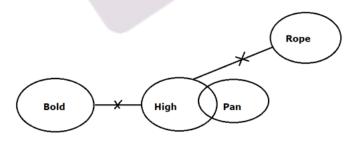
## 5. Ans. C.

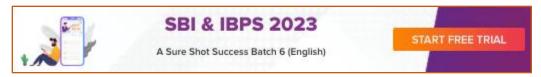
Flat and Floor	P	Q
4	F	G
3	Н	В
2	A	С
1	Е	D

## 6. Ans. A.



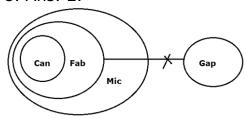
## 7. Ans. A.







8. Ans. E.



9. Ans. C.

$$37.5\%$$
 of  $320 + 49\%$  of  $? = 267$ 

$$\Rightarrow \frac{3}{8} \times 320 + \frac{49}{100} \times ?= 267$$

$$\Rightarrow 120 + \frac{49}{100} \times ? = 267$$

$$\Rightarrow \frac{49}{100} \times ? = 147$$

$$\Rightarrow$$
 ? =  $\frac{100}{49} \times 147 = 300$ 

10. Ans. B.

$$3\frac{2}{5}\%$$
 of ? × 18 + 136 = 17<sup>2</sup>

$$\Rightarrow \frac{17}{500} \times ? \times 18 + 136 = 289$$

$$\Rightarrow \frac{153}{250} \times ? = 289 - 136 = 153$$

$$? = 24 \times 9.5 - 15 \div 1.2 \times 16$$

$$= 228 - \frac{150}{12} \times 16$$

$$11 \div \frac{187}{13} + \frac{4}{119} \times 7 = \frac{?}{\sqrt{441}}$$

$$\Rightarrow 11 \times \frac{13}{187} + \frac{4}{17} = \frac{?}{21}$$

$$\Rightarrow \frac{13}{17} + \frac{4}{17} = \frac{?}{21}$$

$$\Rightarrow 1 = \frac{?}{21}$$



## **SBI & IBPS 2023**

A Sure Shot Success Batch 6 (English)

START FREE TRIAL



13. Ans. A.

I. 
$$x^2 + 12x + 35 = 0$$

$$\Rightarrow x^2 + 7x + 5x + 35 = 0$$

$$\Rightarrow x(x+7) + 5(x+7) = 0$$

$$\Rightarrow (x + 7)(x + 5) = 0$$

$$\Rightarrow$$
 x = -7, -5

II. 
$$2y^2 + 15y + 27 = 0$$

$$\Rightarrow 2y^2 + 6y + 9y + 27 = 0$$

$$\Rightarrow 2y(y + 3) + 9(y + 3) = 0$$

$$\Rightarrow (2y + 9)(y + 3) = 0$$

$$\Rightarrow y = -3, -\frac{9}{2}$$

Hence, x < y.

14. Ans. D.

I. 
$$x^2 - 17x + 66 = 0$$

$$\Rightarrow x^2 - 11x - 6x + 66 = 0$$

$$\Rightarrow x(x - 11) - 6(x - 11) = 0$$

$$\Rightarrow (x-6)(x-11)=0$$

$$\Rightarrow$$
 x = 6, 11

II. 
$$y^2 - 3y - 18 = 0$$

$$\Rightarrow$$
 y<sup>2</sup> - 6y + 3y - 18 = 0

$$\Rightarrow y(y-6) + 3(y-6) = 0$$

$$\Rightarrow (y + 3)(y - 6) = 0$$

$$\Rightarrow$$
 y = -3, 6

Hence,  $x \ge y$ .

15. Ans. B.

Let the length and breadth of rectangle be 7x cm and 4x cm respectively.

$$2(7x + 4x) = 176$$

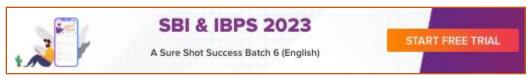
$$\Rightarrow 11x = 88$$

$$\Rightarrow x = 8$$

Length of rectangle =  $7 \times 8 = 56$  cm

Diameter of circle = 
$$\frac{56}{1.6}$$
 = 35 cm

Circumference of circle =  $\frac{22}{7} \times 35 = 110$  cm





16. Ans. B.

Ratio of profits of A and B = 5:7

Let the profits of A and B be 5x and 7x respectively.

Total amount of profit = 5x + 7x = 12x

Amount of profit given in Prime Minister Care Fund =  $25\% \times 12x = 3x$ 

Remaining profit amount = 12x - 3x = 9x

$$9x \times 5/12 = 30000 \Rightarrow x = 8000$$

Profit share of B =  $9 \times 8000 \times 7/12 = \text{Rs.} 42000$ 

17. Ans. E.

Let the cost price of article be 100x.

Then, marked price of article = 160x

Selling price of article = 75% of marked price

$$=\frac{75}{100} \times 160 = \text{Rs. } 120x$$

$$120x = 3720$$

$$\Rightarrow x = 31$$

Profit earned by the shopkeeper = 120x - 100x = 20x

$$= 20 \times 31 = Rs. 620$$

Let the length of train A be L m and speed be v m/s.

$$\frac{L}{v} = 11$$

And 
$$\frac{L + 270}{V} = 29$$

$$\Rightarrow \frac{L}{v} + \frac{270}{v} = 29$$

$$\Rightarrow 11 + \frac{270}{v} = 29$$

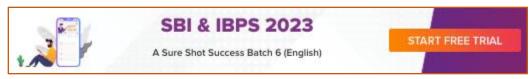
$$\Rightarrow \frac{270}{3} = 18$$

$$\Rightarrow V = \frac{270}{18} = 15$$

Speed of train B =  $\frac{15}{5} \times 6 = 18$  m/s

Time taken by train B to cross the platform =  $\frac{180 + 270}{18} = \frac{450}{18}$ 

= 25 seconds





19. Ans. B.

'has' needs to be replaced with 'have' as the subject is plural.

20. Ans. C.

We need to replace 'official' with 'officially' to rectify the sentence.

21. Ans. D.

The conjunction is wrong. The sentence demands 'while' in place of 'during'.

22. Ans. C.

'tireless for' is incorrect. Preposition 'for' goes well with 'respected'. A-D must be exchanged.

23. Ans. D.

A-B and C-E need to be interchanged

24. Ans. A.

A and D needs to be interchanged.

25. Ans. D.

I and II are correct. In the IIIrd statement we need to use 'tool' and not 'toll'. 26. Ans. A.

After infinitive 'to' we need a verb and not an adjective. So the correct order would be BAC

27. Ans. D.

As after A we have the conjunction 'and' and the adverb 'legally', as per the rule of parallelism we need another adverb at the first place. We need to interchange

28. Ans. E.

All words are correct as it is.

