

# SBI PO Prelims 2020-2021

## Memory-Based Questions



**Direction (1 – 5) :** Study the following information carefully and answer the given questions.

Eight people A, B, C, D, E, F, G and H are sitting around a square table. Four of them are sitting at the corners facing outside and the remaining four are sitting at the sides of the table facing inside sitting in the. H sits second to the left of C. G sits third to the right of H. E sits second to the left of G. A sits second from the left of E. B sits at one of the middle sides of the table. B is not an immediate neighbour of E. D sits second to the left of F.

1. How many people sit between H and A, when counting from the right of H?

- A. Two
- B. One
- C. Three
- D. More than three
- E. None

2. Who sits to the immediate left of D?

- A. C
- B. G
- C. B
- D. H
- E. None of the above

3. Find the odd one out?

- A. C
- B. G
- C. D
- D. H
- E. F

4. Which of the following pairs is facing outside?

- A. D-B
- B. H-A
- C. F-C
- D. G-H
- E. None of the above

5. Who sits third to the left of F?

- A. B
- B. A
- C. G
- D. C
- E. None of the above

6. If in a number **729645138**, 1 is subtracted to each odd number and 1 is added to each even number then what is the product of third digit from the left and fourth digit from the right end, in the new arrangement?

- A. 45
- B. 32
- C. 54
- D. 40
- E. None of these

7. How many such pairs of letters are there in the word '**HANDCRAFT**' each of which has as many letters between them in the word as in the English alphabet (both forward and backward)?

- A. One
- B. Two
- C. Three
- D. More than three
- E. None

8. If it is possible to make a meaningful word from the 1st, 3rd, 9<sup>th</sup> and 11<sup>th</sup> letters of the word **AGGREGATION**, then which will be the third letter from the left of that word? Mark X if no such word can be formed and mark Y if more than one such word can be formed.

- A. I
- B. A
- C. X
- D. Y
- E. N

**Direction (9 – 12) :** In the question below are given three statements followed by two 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.

9.

**Statements:**

- No Part is Cart
- All Cart is Board
- No Board is Gun

**Conclusions:**

- I. Some Board is not Part



II. No Gun is Part

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

**10. Statements:**

Only a few Pod is Drive  
Some Drive is Bond  
All Bond is Flag

**Conclusions:**

- I. All Drive is Flag
- II. Some Pod are not Drive
- 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 (11 – 16) :** 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.

11.

- I.  $x^2 = 256$
- II.  $y^2 + 18y + 17 = 0$
- A.  $y > x$
- B.  $x > y$
- C.  $x \leq y$
- D.  $x \geq y$
- E.  $x = y$  or no relation can be established

- 12.I.  $2x^2 + 15x + 28 = 0$
- II.  $2y^2 + 19y + 45 = 0$
- A.  $y > x$
- B.  $x > y$
- C.  $x \leq y$
- D.  $x \geq y$
- E.  $x = y$  or no relation can be established

- 13.I.  $6x^2 + 13x + 6 = 0$
- II.  $15y^2 + 13y + 2 = 0$
- A.  $y > x$
- B.  $x > y$
- C.  $x \leq y$
- D.  $x \geq y$
- E.  $x = y$  or no relation can be established

- 14.I.  $x^2 - 15x + 56 = 0$
- II.  $y^2 - 17y + 72 = 0$
- A.  $y > x$

- B.  $x > y$
- C.  $x \leq y$
- D.  $x \geq y$
- E.  $x = y$  or no relation can be established

- 15.I.  $x^2 - 14x + 13 = 0$
- II.  $y^2 - 12y + 11 = 0$
- A.  $y > x$
- B.  $x > y$
- C.  $x \leq y$
- D.  $x \geq y$
- E.  $x = y$  or no relation can be established
- 16.I.  $4x^2 + 13x + 9 = 0$
- II.  $4y^2 + 20y + 25 = 0$
- A.  $y > x$
- B.  $x > y$
- C.  $x \leq y$
- D.  $x \geq y$
- E.  $x = y$  or no relation can be established

**Direction (17 – 22) :** What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

- 17.
- $244.03 - 654.02 + ? \div 2.01 = 835.01$
- A. 2520
- B. 2460
- C. 2370
- D. 2340
- E. 2490
- 18.  $224.99 \div 3.01 + 25.01\% \text{ of } ? = 520.01$
- A. 1760
- B. 1805
- C. 1780
- D. 1689
- E. 1750

- 19.  $\frac{16.01^2 + \sqrt[3]{342.98 + 1}}{6.01} = ?$
- A. 44
- B. 41
- C. 52
- D. 38
- E. 50

- 20.  $\left(\frac{3.07}{4.01}\right)^2 \times 127.96 + 442.02 = ?$
- A. 529



- B. 514
- C. 503
- D. 497
- E. 490

21.  $326.99 \div 2.98 + 44.97 \times \frac{3.01}{5.02} = ?$

- A. 128
- B. 141
- C. 144
- D. 136
- E. 131

22.

$\sqrt{74.01 + 43.01 \times 4.99} = 74.01 - ?$

- A. 48
- B. 57
- C. 61
- D. 52
- E. 45

**Direction (23 – 26) :** 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.

23.

Customers of the museum are (1)/ in the processing of collecting and (2)/ preserving unique masks and (3)/ face shields from the current ones. (4)

- A. 2
- B. 3
- C. 4
- D. 1
- E. No error

24. Goods manufactured in (1)/ Asia could have (2)/ dominated the Western market (3)/ due for its low price. (4)

- A. 4
- B. 1
- C. 2
- D. 3
- E. No error

25. The aircraft returned to (1)/ the airport soon after (2)/ the take off as the pilot (3)/ encountered some technical snags (4).

- A. 3
- B. 1
- C. 4
- D. 2
- E. No error

26. The amount disburse (1)/ was less (2)/ than the (3)/ original amount. (4)

- A. 3
- B. 1
- C. 4
- D. 2
- E. No error

**Direction (27 – 30) :** 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. If the sentence is correct as it is, choose E i.e. 'No rearrangement required' as your answer.

27. According to study, we do not **past (A)** more complex jobs that we had in the **involve (B)**, but today jobs **performed (C)** numerous tasks that do not really need to be **have (D)**.

- A. BCAD
- B. DBAC
- C. BDAC
- D. DABC
- E. No rearrangement required

28. Climate change is **concern (A)** risks to human **emerging (B)** and well being and thus is **health (C)** as a serious **posing (D)** worldwide.

- A. DBCA
- B. BADC
- C. DCBA
- D. CBAD
- E. No rearrangement required

29. Being self-employed also means **finding (A)** yourself **unions (B)** the **without (C)** of HR department or trade **protection (D)**.

- A. ABDC
- B. ACDB



- C. CDAB
- D. DCAB
- E. No rearrangement required

**Direction (30 – 32) :** In the following question, a idiom/phrase is given that is followed by three statements. All these three statements carry the given idiom/phrase. Identify the sentence(s) in which the idiom/phrase fits to make them grammatically correct and meaningful.  
30.

**See eye to eye**

- I. Studios went to war with exhibitors and it's unclear if they'll ever **see eye to eye**.
  - II. The siblings did not **see eye to eye**, but their disagreements did not make them wrangle in public.
  - III. Wright **saw eye to eye** of the filmmaker Spike Lee, who featured him in a jeans commercial.
- A. Only I
  - B. Only II
  - C. Only III
  - D. Both I and II
  - E. Both II and III

**31. Stone's throw away**

- I. The deal isn't yet a **stone's throw away**, but we're confident it will go ahead as hoped.

- II. II. A jaw-dropping feat of volcanic architecture has risen in the Italian city of Nola, just a **stone's throw away** from the cataclysmic Mt. Vesuvius.

- III. The doctors tell me that, unless I give up playing music, I'll be **stone's throw away** by the time I'm 40.

- A. Only I
- B. Only II
- C. Only III
- D. Both I and II
- E. Both II and III

**32. Salad Days**

- I. He may have grown old, but he has shed none of his brashness and aggression of his **salad days**.

- II. Many people sell old patio furniture, although you may have to be willing to use a little **salad day** to get used items back into shape.

- III. The festival came at perfect timing for kids who suffered **salad days** in March due to the long, cold winter.

- A. Only I
- B. Only II
- C. Only III
- D. Both I and II
- E. Both II and III

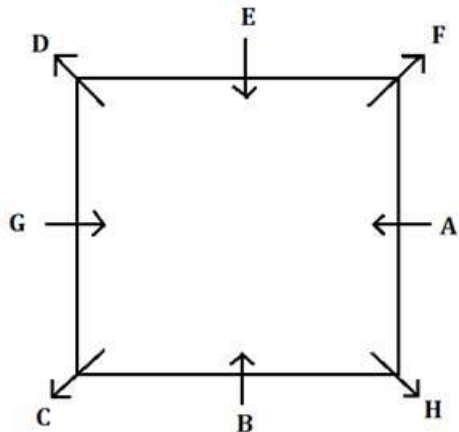


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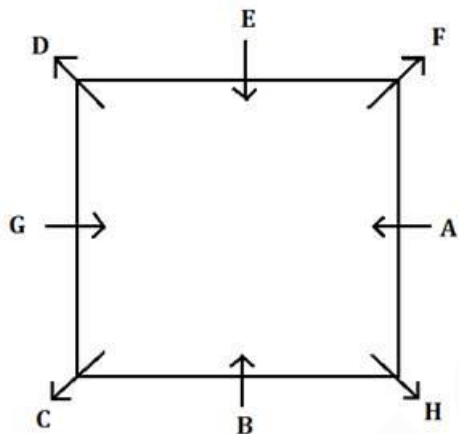
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###ANSWERS###

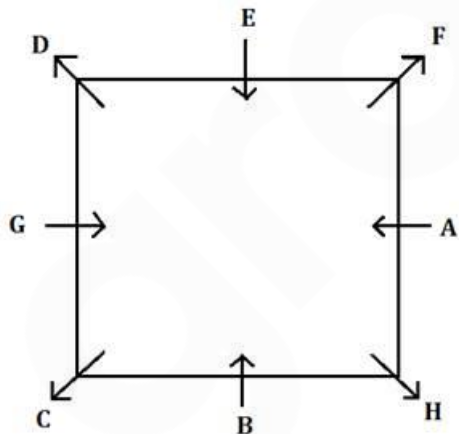
1. Ans. D.



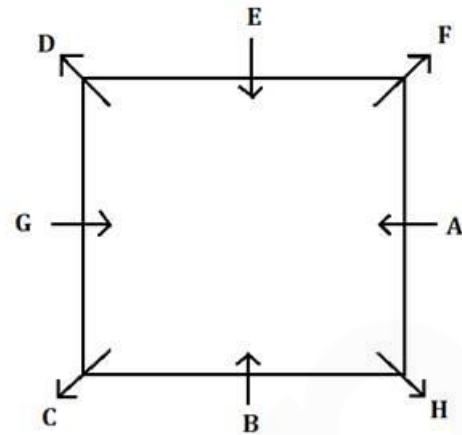
2. Ans. B.



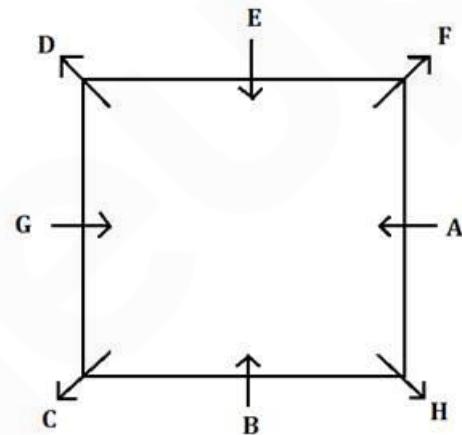
3. Ans. B.



4. Ans. C.



5. Ans. C.



6. Ans. B.

Original Word: 729645138

After Applying given condition: 638754029

Third digit from the left is 8 and the fourth digit from the right is 4 so the product is 32.

7. Ans. D.

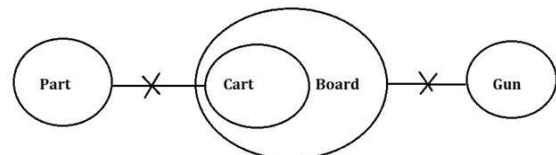
There are five such pairs: DA, DC, CA, CF, NT

8. Ans. A.

1<sup>st</sup>, 3<sup>rd</sup>, 9<sup>th</sup> and 11<sup>th</sup> letters of the word = A,G,I,N

Meaningful word - GAIN

9. Ans. A.

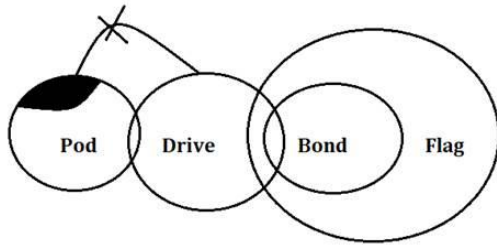


10. Ans. B.



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11. Ans. E.

$$x^2 = 256$$

$$\Rightarrow x = 16, -16$$

$$y^2 + 18y + 17 = 0$$

$$\Rightarrow y^2 + 17y + y + 17 = 0$$

$$\Rightarrow y(y + 17) + 1(y + 17) = 0$$

$$\Rightarrow (y + 17)(y + 1) = 0$$

$$\Rightarrow y = -17, -1$$

Thus, no relation can be established.

12. Ans. B.

$$2x^2 + 15x + 28 = 0$$

$$\Rightarrow 2x^2 + 8x + 7x + 28 = 0$$

$$\Rightarrow 2x(x + 4) + 7(x + 4) = 0$$

$$\Rightarrow (2x + 7)(x + 4) = 0$$

$$\Rightarrow x = -4, -\frac{7}{2}$$

$$2y^2 + 19y + 45 = 0$$

$$\Rightarrow 2y^2 + 10y + 9y + 45 = 0$$

$$\Rightarrow 2y(y + 5) + 9(y + 5) = 0$$

$$\Rightarrow (y + 5)(2y + 9) = 0$$

$$\Rightarrow y = -5, -\frac{9}{2}$$

Thus,  $x > y$

13. Ans. C.

$$6x^2 + 13x + 6 = 0$$

$$\Rightarrow 6x^2 + 9x + 4x + 6 = 0$$

$$\Rightarrow 3x(2x + 3) + 2(2x + 3) = 0$$

$$\Rightarrow (3x + 2)(2x + 3) = 0$$

$$\Rightarrow x = -\frac{2}{3}, -\frac{3}{2}$$

$$15y^2 + 13y + 2 = 0$$

$$\Rightarrow 15y^2 + 10y + 3y + 2 = 0$$

$$\Rightarrow 5y(3y + 2) + 1(3y + 2) = 0$$

$$\Rightarrow (3y + 2)(5y + 1) = 0$$

$$\Rightarrow y = -\frac{2}{3}, -\frac{1}{5}$$

Thus,  $x \leq y$

14. Ans. C.

$$x^2 - 15x + 56 = 0$$

$$\Rightarrow x^2 - 8x - 7x + 56 = 0$$

$$\Rightarrow x(x - 8) - 7(x - 8) = 0$$

$$\Rightarrow (x - 8)(x - 7) = 0$$

$$\Rightarrow x = 7, 8$$

$$y^2 - 17y + 72 = 0$$

$$\Rightarrow y^2 - 8y - 9y + 72 = 0$$

$$\Rightarrow y(y - 8) - 9(y - 8) = 0$$

$$\Rightarrow (y - 8)(y - 9) = 0$$

$$\Rightarrow y = 8, 9$$

Thus,  $x \leq y$

15. Ans. E.

$$x^2 - 14x + 13 = 0$$

$$\Rightarrow x^2 - 13x - x + 13 = 0$$

$$\Rightarrow x(x - 13) - 1(x - 13) = 0$$

$$\Rightarrow (x - 13)(x - 1) = 0$$

$$\Rightarrow x = 1, 13$$

$$y^2 - 12y + 11 = 0$$

$$\Rightarrow y^2 - 11y - y + 11 = 0$$

$$\Rightarrow y(y - 11) - 1(y - 11) = 0$$

$$\Rightarrow (y - 11)(y - 1) = 0$$

$$\Rightarrow y = 1, 11$$

Thus, no relation can be established.

16. Ans. B.

$$4x^2 + 13x + 9 = 0$$

$$\Rightarrow 4x^2 + 4x + 9x + 9 = 0$$

$$\Rightarrow 4x(x + 1) + 9(x + 1) = 0$$

$$\Rightarrow (4x + 9)(x + 1) = 0$$

$$x = -\frac{9}{4}, -1$$

$$4y^2 + 20y + 25 = 0$$

$$\Rightarrow 4y^2 + 10y + 10y + 25 = 0$$

$$\Rightarrow 2y(2y + 5) + 5(2y + 5) = 0$$

$$\Rightarrow (2y + 5)(2y + 5) = 0$$

$$\Rightarrow y = -\frac{5}{2}$$

Thus,  $x > y$

17. Ans. E.

By Approximation,

$$\frac{?}{2} = 835 + 654 - 244$$

$$\Rightarrow \frac{?}{2} = 1489 - 244$$

$$\Rightarrow \frac{?}{2} = 1245$$

$$\Rightarrow ? = 2490$$

18. Ans. C.

By Approximation,

$$225 \div 3 + 25\% \text{ of } ? = 520$$

$$\Rightarrow 75 + \frac{?}{4} = 520$$

$$\Rightarrow \frac{?}{4} = 520 - 75$$

$$\Rightarrow \frac{?}{4} = 445$$

$$\Rightarrow ? = 1780$$

19. Ans. A.



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By Approximation,

$$\begin{aligned} ? &= \frac{16^2 + \sqrt[3]{343} + 1}{256 + 7 + 1} \\ &= \frac{6}{6} \\ &= 44 \end{aligned}$$

20. Ans. B.

By Approximation,

$$\begin{aligned} ? &= \left(\frac{3}{4}\right)^2 \times 128 + 442 \\ &= \frac{9}{16} \times 128 + 442 \\ &= 9 \times 8 + 442 \\ &= 72 + 442 \\ &= 514 \end{aligned}$$

21. Ans. D.

By approximation,

$$\begin{aligned} ? &= 327 \div 3 + 45 \times \frac{3}{5} \\ &= 109 + 9 \times 3 \\ &= 109 + 27 \\ &= 136 \end{aligned}$$

22. Ans. B.

By approximation,

$$\begin{aligned} 74 - ? &= \sqrt{74 + 43 \times 5} \\ \Rightarrow ? &= 74 - \sqrt{74 + 215} \\ &= 74 - \sqrt{289} \\ &= 74 - 17 \\ &= 57 \end{aligned}$$

23. Ans. A.

The error lies in the second part of the sentence. The part requires a noun, and being a verb, 'processing' is contextually incorrect. It needs to be replaced by the noun 'process'.

Thus, option A is the correct answer.

24. Ans. A.

It should be 'to' in place of 'for' in the fourth part of the sentence.

25. Ans. E.

There is no error in the given sentence.

26. Ans. B.

The correct option is B.

27. Ans. D.

The correct sequence is DABC.

28. Ans. C.

The correct sequence is DCBA.

29. Ans. B.

The correct order is ACDB.

30. Ans. D.

See eye to eye means to agree fully with someone or be in full agreement. The phrase has been used correctly in statements I and II.

In the statement III, the correct phrase would have been to catch someone's eye. Note that if you catch someone's eye, you do something to attract their attention, so that you can speak to them.

31. Ans. B.

Note that the given phrase means 'a short distance'. The second statement is correct.

The correct phrase to be used in statement I would be 'carved in stone', which means 'Permanently fixed or firmly established; incapable of being changed. In the third statement, the correct phrase would be 'stone deaf' which means completely deaf as the given sentence talks about music.

32. Ans. A.

In II, we need the correct idiom will be 'elbow grease'.

In III, we need the correct idiom will be 'Cabin-fever'.

So, the correct answer is A.



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