

SBI PO Prelims 2021

Memory Based

Questions Download

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(In English)



Direction: What should come in place of the question mark (?) in the following number series?

1. 0.5, 2, 9, 35, 104, ?

- A. 217
- B. 207
- C. 239
- D. 195
- E. 189

2. 6, 5, 7, 12, 5, ?, 69.5

- A. 19
- B. 18.5
- C. 31
- D. 27
- E. 23

3. 1030, 1024, 1010, 969, 864, ?

- A. 634
- B. 582
- C. 732
- D. 696
- E. 520

4. 294, ?, 255, 222, 180, 129

- A. 287
- B. 279
- C. 261
- D. 272
- E. 284

5. 12, ?, 63, 114, 182, 267

- A. 23
- B. 31
- C. 29
- D. 38
- E. 42

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

$$6. \sqrt[3]{472.99 + 24.9\% \text{ of } 401 + 156.99} = ?$$

- A. 11
- B. 15
- C. 9
- D. 6
- E. 18

$$7. 119.99 - 90 \times \frac{23.9}{8.01} + ? = 74.99$$

- A. 225
- B. 240
- C. 210
- D. 180
- E. 160

$$8. \sqrt{79 + \frac{270}{2.99} \times 4.01 + 2} = ?$$

- A. 19
- B. 21
- C. 24
- D. 16
- E. 12

$$9. 350.063 - ? = (17.991)^2 + \sqrt[3]{7.931 \times 8.042}$$

- A. 22
- B. 37
- C. 112
- D. 14
- E. 67

$$10. (520.05 \div 12.99 \times 64.05) \div x = 39.99\% \text{ of } 80.02$$

- A. 90
- B. 80
- C. 60
- D. 70
- E. 45



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11.If a meaningful word can be formed using 1st, 2nd, 4th and 8th letters of CAMPFIRE, what will be the second letter from the left of the newly formed word? If more than one word is formed, mark your answer as X. If no meaningful word can be formed, mark your answer as Z.

- A. P
- B. A
- C. X
- D. C
- E. Z

12.Which of the symbols should be placed in the blank spaces in the given expression so as to make $G < H$ and $I \geq J$ definitely true?

$H > L _ I \geq G = E _ J$

- A. $>, =$
- B. \geq, \geq
- C. $=, >$
- D. $>, >$
- E. $\geq, =$

13.Which of the following symbols should replace the blanks in the given expression to make the expressions $X \leq Z$ true?

$O = X = M _ Q _ Z$

- A. $<, <$
- B. $\leq, =$
- C. $\leq, <$
- D. $<, \leq$
- E. None of these

Direction: Study the following information and answer the given questions.

Six people perform a dance performance on different dates of different months

Six people A, B, C, D, E and F are to perform different dances performed jazz, swing, tap, ballet, modern, Salsa on different dates viz. 11th and 22nd in different months viz. October, November and December, but not necessarily in the same order.

Two people performed between C and B, who performed modern. Number of people performed before A is the same as the number of people performed after Swing. A performed on an even number of dates in the month of even number of days. B performed just before E who performed ballet. F performed a swing just after jazz. D did not perform salsa.

14. Who among the following performs on 22nd October?

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

15.How many people performed between ballet and jazz?

- A. One
- B. Two
- C. Three
- D. Four
- E. None

16.Who performed immediately after C?

- A. D
- B. E
- C. A
- D. F
- E. None of these



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17. Who among the following are performed in the same month?

- A. F, B
- B. E, A
- C. D, C
- D. C, A
- E. F, E

18. D performed which dance form?

- A. Jazz
- B. Ballet
- C. Salsa
- D. Tap
- E. Swing

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.

19. **Statements:**

Only a few Greece is Finland.

All Finland is Denmark.

No Denmark is Europe.

Conclusions:

I. Some Greece is Europe

II. No Greece is Europe

- 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

20. **Statements:**

All CPU are Mouse.

Only a few Mouse are Keyboards.

Some Keyboards are not Monitor.

Conclusions:

I. Some Keyboards are CPU

II. Some Mouse are not Monitor

- 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 follows

Direction: A word has been highlighted in the given sentence. Choose the word from the options which means the same as the word highlighted.

21. There are **several** reasons for encouraging the use of ethanol in our daily lives.

- A. Lot
- B. Few
- C. Various
- D. Breathe
- E. All can replace

22. The rainfall brought a much-needed **respite** for the farmers after a prolonged dry spell.

- A. Relief
- B. Destitute
- C. Grace
- D. Allowance
- E. None can replace

23. The company went under within a **span** of three months

- A. None can replace
- B. Era
- C. Timely
- D. Moment
- E. Period



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24. Brazil's citizens have suffered in the **past** at the hands of their government.

- A. Early
- B. Late
- C. Previous
- D. Today
- E. None can replace

25. Paper bags have become a good choice as a cheap **alternative** to plastic shopping bags.

- A. Second
- B. Substitute
- C. Another
- D. Additional
- E. None can replace

Direction: In the given statement some words have been highlighted. These words may not be in 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.

26. When the minister **grudgingly**, **(A)** everyone had to **fall** **(B)** in line **intervened**. **(C)**

- A. CAB
- B. CBA
- C. BAC
- D. BCA
- E. No rearrangement required

27. **Cartography** **(A)** is the **map** **(B)** and science of **art** **(C)** making that requires both artistry and scientific knowledge.

- A. ACB
- B. BAC

- C. CBA
- D. BCA
- E. No rearrangement required

28. The astrolabe **observe** **(A)** in the sixth century as a **originated** **(B)** to tell time and to **tool** **(C)** sky.

- A. BCA
- B. CAB
- C. ACB
- D. BAC
- E. No rearrangement required

29. **Various** **(A)** studies suggest that exercise may be **effective** **(B)** in **controlling** **(C)** panic disorder.

- A. BAC
- B. CBA
- C. CAB
- D. BCA
- E. No rearrangement required

Direction: In the given statement some words have been highlighted. These words may not be in 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.

30. The source of the **spy** **(A)** was a Soviet-era **debris** **(B)** satellite, Kosmos-1408, in an orbit 100km or so **above** **(C)**.

- A. BAC
- B. ACB
- C. BCA
- D. CAB
- E. No rearrangement required.



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Answers & Explanations

1. Ans. B.

$$\times 6 - 1, \times 5 - 1, \times 4 - 1, \times 3 - 1, \times 2 - 1, \times 1 - 1$$

2. Ans. D.

$$\times 0.5 + 2, \times 1 + 2, \times 1.5 + 2, \times 2 + 2, \times 2.5 + 2$$

3. Ans. A.

First difference: 6, 14, 41, 105, 230

Second difference: 8, 27, 64, 125

4. Ans. B.

First difference: 15, 24, 33, 42, 51

Second difference: +9, +9, +9, +9

5. Ans. C.

Difference 17, 34, 51, 68, 85

6. Ans. C.

$$\sqrt[3]{472.99 + 24.9\% \text{ of } 401 + 156.99} = ?$$

Taking approximation,

$$\sqrt[3]{473 + 25\% \text{ of } 400 + 157} = ?$$

$$\sqrt[3]{473 + 100 + 157} = ?$$

$$\sqrt[3]{730} = x$$

$$x = 9$$

7. Ans. A.

$$119.99 - 90 \times \frac{23.9}{8.01} + ? = 74.99$$

$$120 - 90 \times \frac{24}{8} + ? = 75$$

$$120 - 270 + x = 75$$

$$x = 225$$

8. Ans. B.

$$\sqrt{79 + \frac{270}{3} \times 4 + 2} = ?$$

$$\sqrt{79 + 360 + 2} = ?$$

$$\sqrt{441} = ?$$

$$? = 21$$

9. Ans. A.

$$350.063 - ? = (17.991)^2 + \sqrt[3]{7.931 \times 8.042}$$

Taking approximation,

$$350 - ? = (18)^2 + \sqrt[3]{8 \times 8}$$

$$350 - ? = 324 + 4$$

$$? = 350 - 328$$

$$? = 22$$

10. Ans. B.

$$(520.05 \div 12.99 \times 64.05) \div x = 39.99\% \text{ of } 80.02$$

$$(520 \div 13 \times 64) \div x = 40\% \text{ of } 80$$

$$(40 \times 64) \div x = 32$$

$$x = 80$$

11. Ans. C.

1st, 2nd, 4th and 8th letters of CAMPFIRE are C, A, P and E.

The newly formed word are PACE and CAPE

12. Ans. E.

$$H > L \geq I \geq G = E = J$$

13. Ans. B.

$$O = X = M \leq Q = Z$$



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14. Ans. B.

Months	11th	22nd
October	D (TAP)	C (JAZZ)
November	F (SWING)	A (SALSA)
December	B(MODERN)	E(BALLET)

15. Ans. C.

Months	11th	22nd
October	D (TAP)	C (JAZZ)
November	F (SWING)	A (SALSA)
December	B(MODERN)	E(BALLET)

16. Ans. D.

Months	11th	22nd
October	D (TAP)	C (JAZZ)
November	F (SWING)	A (SALSA)
December	B(MODERN)	E(BALLET)

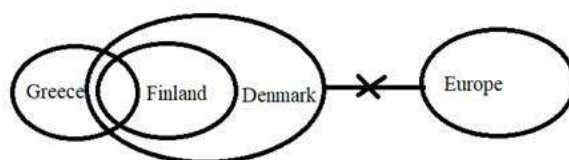
17. Ans. C.

Months	11th	22nd
October	D (TAP)	C (JAZZ)
November	F (SWING)	A (SALSA)
December	B(MODERN)	E(BALLET)

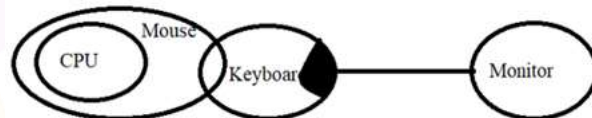
18. Ans. D.

Months	11th	22nd
October	D (TAP)	C (JAZZ)
November	F (SWING)	A (SALSA)
December	B(MODERN)	E(BALLET)

19. Ans. C.



20. Ans. D.



21. Ans. C.

Option C is the correct answer. While 'several' may seem contextually correct, since 'none can replace' is not one of the given options, the only other alternative that can fit the context is 'several'.

22. Ans. A.

The term respite means a short period of rest or relief from something difficult or unpleasant.

Thus, relief is the opt choice.

Option A is the correct answer.



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23. Ans. E.

Span means the length of time for which something lasts.

Period means a length or portion of time.

Option E is synonymous.

Thus, the correct answer is option E.

24. Ans. E.

Option E is the correct answer.

25. Ans. B.

Option B is the correct answer.

26. Ans. B.

The minister is the subject. We need a verb to go with the subject. Grudgingly is an adverb. Intervened is the apt verb which needs to be in the first place.

The correct sequence is CBA. Option B is the correct answer.

27. Ans. A.

The sentence is explaining what cartography is. Cartography is the subject and hence appropriately placed in the first place. The only option with A in the first place is option A. Thus, Option A is the correct answer.

28. Ans. A.

The sentence is talking about the astrolabe, when did it originate and what is the function of it.

It was discovered in the past. Thus, position A needs a verb that is in the past tense form. Originated is thus in place A. Place B needs a noun. Tool is thus placed in B. The correct sequence is BCA.

A is the correct answer.

29. Ans. E.

All the words are in the correct place and require no change.

Thus, option E is the correct answer

30. Ans. A.

Debris means scattered pieces of rubbish or remains. It cannot be a source of a spy, which means a person employed by a government or other organization to secretly obtain information on an enemy or competitor.

However, debris can occur from spy satellites. Thus, the correct sequence is BAC.

Option A is the correct answer.



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