



SSC CHSL Frequently Asked Questions PDF

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Instructions

For the following questions answer them individually

Question 1

Rearrange the parts of the sentence in correct order.

The elusive

P : status in the Red List of the International

Q : snow leopard has lost its endangered

R : Union for Conservation of Nature

- A QPR
- B RPQ
- C QRP
- D PQR

Answer: A

Question 2

A sentence has been given in Active/Passive Voice. Out of the four given alternatives, select the one which best expresses the same sentence in Passive/Active Voice.

He gave her promotion happily.

- A She was given promotion happily by him.
- B She had been given promotion by him happily.
- C Her promotion was gave happily by him.
- D Her promotion was given.

Answer: A

Question 3

A sentence has been given in Direct/Indirect Speech. Out of the four given alternatives, select the one which best expresses the same sentence in Indirect/Direct Speech.

Anuj said, "I need your help now."

- A Anju needed my help then.
- B Anuj said that he needed my help then.
- C Anuj said he needed my help now.
- D Anuj says he needed my help now.

Answer: B

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Question 4

In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.

- A Hygiene
- B Hygine
- C Higine
- D Hygeine

Answer: A

Question 5

The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

In order to

A-regulate the technology and boost

B-the rankings, we need our

C-teachers to do exponential thinking

- A CBA
- B CAB
- C BCA
- D ABC

Answer: D

Question 6

In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

- A symptommatically
- B symptomatically
- C symptomatically
- D symptommaticaly

Answer: C

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Question 7

In the following question, select the missing number from the given series.

13, 19, 32, 51, 83, ?

- A 142
- B 134
- C 156
- D 140

Answer: B

Explanation:

The given series is a type of Fibonacci series where the previous two numbers are added to get the next one.

$$13 + 19 = 32$$

$$19 + 32 = 51$$

$$32 + 51 = 83$$

$$51 + 83 = \mathbf{134}$$

=> Ans - (B)

Question 8

Suraj is shorter than Gopal but taller than Tarun. Rajan is the tallest and Shivam is shorter than Suraj but not the shortest. Who is the third shortest?

A Gopal

B Suraj

C Rajan

D Shivam

Answer: B

Explanation:

Suraj is shorter than Gopal but taller than Tarun, => Gopal > Suraj > Tarun

Shivam is shorter than Suraj but not the shortest, => Gopal > Suraj > Shivam > Tarun

Also, Rajan is the tallest. Thus the heights in decreasing order is :

Rajan > Gopal > Suraj > Shivam > Tarun

∴ Suraj is the third shortest.

=> Ans - (B)

Question 9

If $4!4 = 80$, $3!8 = 110$ and $6!2 = 80$, then find the value of $7!9 = ?$

A 70

B 100

C 60

D 160

Answer: D

Explanation:

Given : $4!4 = 80$, $3!8 = 110$ and $6!2 = 80$

If we replace '!' with '+', and multiply the sum by 10, we get the desired result.

Eg :- $(4 + 4) \times 10 = 80$

and $(3 + 8) \times 10 = 110$ and $(6 + 2) \times 10 = 80$

Similarly, $(7 + 9) \times 10 = 160$

=> Ans - (D)

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Question 10

In the following question, select the related word pair from the given alternatives.

Ohm : Resistance :: ? : ?

- A Temperature : Degree
- B Hectare : Area
- C Energy : Watt
- D Current : Ampere

Answer: B

Explanation:

Expression = Ohm : Resistance :: ? : ?

The first is the S.I. unit of the second, i.e. Ohm is the S.I. unit to measure resistance, similarly hectare is the unit of Area.

=> Ans - (B)

Question 11

In the following question, select the missing number from the given series.

6, 13, 20, 27, ?

- A 34
- B 32
- C 37
- D 43

Answer: A

Explanation:

'7' is added to all the numbers.

$$6 + 7 = 13$$

$$13 + 7 = 20$$

$$20 + 7 = 27$$

$$27 + 7 = \mathbf{34}$$

=> Ans - (A)

Question 12

In the following question, select the odd letter/letters from the given alternatives.

- A SKC
- B ZRJ
- C ZSK
- D VNF

Answer: C

Explanation:

(A) : S (-8 letters) = K (-8 letters) = C

- (B) : Z (-8 letters) = R (-8 letters) = J
(C) : Z (-7 letters) = S (-8 letters) = K
(D) : V (-8 letters) = N (-8 letters) = F
=> Ans - (C)

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Question 13

In the following question, select the odd word pair from the given alternatives.

- A Figure - Rectangle
- B Ornament - Ring
- C Vehicle - Scooter
- D Necklace - Ornament

Answer: D

Explanation:

Second is one of the types of first, rectangle is a figure, ring is an ornament, scooter comes under types of vehicle, hence **Necklace - Ornament** is the odd one out, since its order is reversed.

=> Ans - (D)

Question 14

Find the average of first 20 multiples of 9.

- A 94.8
- B 94.7
- C 94.6
- D 94.5

Answer: D

Explanation:

First 20 multiples of 9 = 9, 18, 27,, 171, 180

=> Sum = $9(1 + 2 + 3 + \dots + 19 + 20)$

= $9 \times \frac{20(20+1)}{2}$ [\because Sum of first n integers = $\frac{n(n+1)}{2}$]

= $9 \times 10 \times 21 = 1890$

=> Average = $\frac{1890}{20} = 94.5$

=> Ans - (D)

Question 15

What is the x - intercept of the linear equation $18x + 25y - 900 = 0$?

- A 18
- B 25
- C 50

D 450

Answer: C

Explanation:

Equation of line : $18x + 25y - 900 = 0$

To find x-intercept, we need to put $y = 0$ (and vice-versa)

$$\Rightarrow 18x + 25(0) = 900$$

$$\Rightarrow x = \frac{900}{18} = 50$$

\Rightarrow Ans - (C)

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Question 16

Two equal circles intersect each other at point A and B, whose centers are O and O'. $OO' = 24$ mm and $AB = 10$ mm, then find the area (in sq. mm) of the circle.

A 530.66

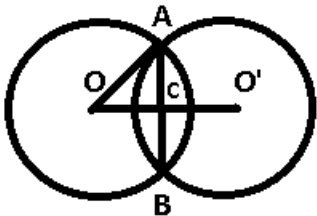
B 520.66

C 510.33

D 500.33

Answer: A

Explanation:



AB is chord to each of the circle and $AB = 10$ mm and $OO' = 24$ mm

Let radius of each circle = r mm

A line drawn from the centre of the circle perpendicular to the chord bisects it in two parts.

$$\Rightarrow AC = \frac{10}{2} = 5 \text{ mm}$$

$$\text{Similarly, } OC = \frac{24}{2} = 12 \text{ mm}$$

Now, in $\triangle OAC$

$$\Rightarrow (OA)^2 = (OC)^2 + (AC)^2$$

$$\Rightarrow OA = \sqrt{(12)^2 + (5)^2}$$

$$\Rightarrow OA = \sqrt{144 + 25} = \sqrt{169}$$

$$\Rightarrow OA = 13 \text{ mm}$$

$$\therefore \text{Area of triangle} = \pi r^2$$

$$= 3.14 \times (13)^2 = 530.66 \text{ mm}^2$$

\Rightarrow Ans - (A)

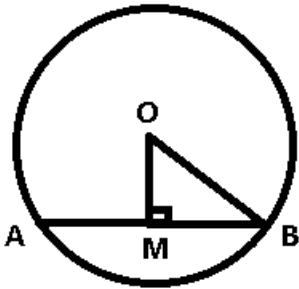
Question 17

The length of the diameter of the circle is 10 cm and length of the chord drawn in a circle is 6 cm. Find the distance (in cm) of chord from the center.

- A 10
- B 8
- C 6
- D 4

Answer: D

Explanation:



Given : Diameter = 10 cm and AB = 6 cm

To find : OM = ?

Solution : Radius $OB = \frac{10}{2} = 5$ cm

Also, $MB = \frac{6}{2} = 3$ cm

In right $\triangle OMB$

$$\Rightarrow (OM)^2 = (OB)^2 - (MB)^2$$

$$\Rightarrow (OM)^2 = (5)^2 - (3)^2$$

$$\Rightarrow (OM)^2 = 25 - 9 = 16$$

$$\Rightarrow OM = \sqrt{16} = 4 \text{ cm}$$

\Rightarrow Ans - (D)

Question 18

60% of P = 50% of Q and Q = x% of P. What is the value of x?

- A 130
- B 120
- C 140
- D 80

Answer: B

Explanation:

Given : 60% of P = 50% of Q

$$\Rightarrow 60P = 50Q$$

$$\Rightarrow \frac{Q}{P} = \frac{6}{5} \text{-----(i)}$$

$$\therefore Q = x\% \text{ of } P$$

$$\Rightarrow \frac{Q}{P} = \frac{x}{100}$$
$$\Rightarrow x = \frac{6}{5} \times 100 = 120$$

\Rightarrow Ans - (B)

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Question 19

Which of the following is NOT included in general methodology while assessing the national income?

- A Pension
- B Investment Expenditure
- C Value added
- D Consumption Expenditure

Answer: A

Question 20

Hiuen Tsang visited Kanchipuram, the capital of Pallavas, during the reign which of the following rulers?

- A Mahendra Varman I
- B Mahendra Varman II
- C Narasimha Varman I
- D Parmeshwar Varman II

Answer: A

Question 21

In India, the Black Revolution is associated with self dependence in the production of _____.

- A oil seeds production
- B crude petroleum
- C black box
- D No option is correct.

Answer: B

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Question 22

E.P. Ramaswamy Naicker is associated with which of the following movements?

- A Self-respect movement
- B Viacom movement
- C Justice movement

D Ezhava movement

Answer: A

Question 23

World famous Kaieteur Falls is situated on which river?

A Potaro

B Mississippi

C St. Lawrence

D Zambezi

Answer: A

Question 24

In which year did Vivekananda participate in the Parliament of the World's Religions?

A 1893 AD

B 1895 AD

C 1897 AD

D 1899 AD

Answer: A

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Question 25

The atoms of the elements having same difference between mass number and atomic number are called _____.

A Isobar

B Isotopes

C Isotones

D No option is correct.

Answer: C

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