



## SSC CPO 12th Dec 2019 Shift-2

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# General Intelligence and Reasoning

## Instructions

For the following questions answer them individually

### Question 1

Four numbers have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- A 197
- B 193
- C 195
- D 191

Answer: C

### Explanation:

From the Given option (A) 197 (B) 193 and (D) 191 is similar but option (C) 185 is different due to prime numbers divide by 5 therefore 185 Ans

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### Question 2

Arrange the following words in the order in which they appear in an English dictionary.

1. Dementia
2. Demand
3. Dearth
4. Demon
5. Daemon

- A 5, 3, 2, 1, 4
- B 5, 3, 2, 4, 1
- C 4, 3, 2, 1, 5
- D 3, 5, 2, 1, 4

Answer: A

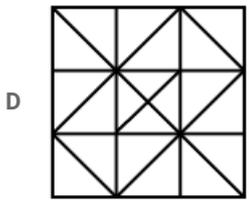
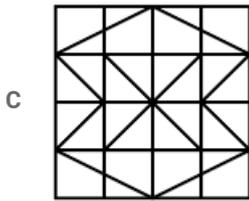
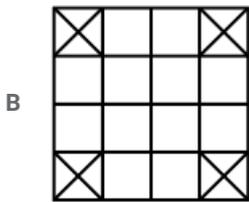
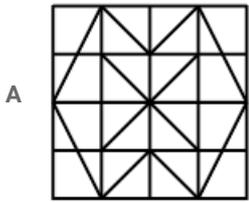
### Explanation:

From the given words arranged in the form English dictionary then 5. Daemon 3. Dearth 2. Demand 1. Dementia 4. Demon therefore 5 3 2 1 4 Ans

### Question 3

Select the option in which the given figure is embedded (rotation is NOT allowed).





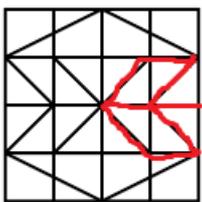
Answer: C

**Explanation:**

Given figure



the above figure is embedded is given below



therefore Option (C) Ans

**Question 4**

Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

**Statement:**

The importance of a person is not dependent only on one's status and money.

**Conclusions:**

I. The goal of most people is just to acquire more money.

II. There are some factors other than status and money which contribute to the importance of a person.

- A Only conclusion I follows.
- B Both conclusions I and II follow.
- C Only conclusion II follows.
- D Neither conclusion I nor II follows.

Answer: C

**Explanation:**

Given that **Statement:**

The importance of a person is not dependent only on one's status and money.

From the above statement, we check the **Conclusions:**

I. The goal of most people is just to acquire more money. not follow

II. There are some factors other than status and money which contribute to the importance of a person. Follows

, therefore, the Only Conclusion II follows

Hence Option (C) Ans

## SSC CHSL Previous Papers (DOWNLOAD PDF)

**Question 5**

In a certain code language, U is written as A, A as G, D as I, N as T, B as R, E as D and C as U. How will ABUNDANCE be written in that code?

A GRATITUDE

B GRATITGUD

C RGATIGTUD

D GRATIGTUD

Answer: D

**Explanation:**

Given that code U is written as A, A as G, D as I, N as T, B as R, E as D and C as U

then ABUNDANCE is written as from the above code

GRATIGTUD

therefore GRATIGTUD Ans

**Question 6**

In a certain language, if MOUNTAIN is written as 46352195, then how is UNIVERSE coded in the same language?

A 25945905

B 45945915

C 13594591

D 35945915

Answer: D

**Explanation:**

Given that MOUNTAIN is written as 46352195, then

UNIVERSE Code is?

We know that alphabet position A =1, B=2, C=3 D=4, ..... Z=26

then M=13, O = 15, U= 21, N= 14, T= 20, A=1, I =9, N = 14

M = 13 = 1+3 = 4, O = 15 = 5+1 = 6, U = 21 = 2+1 = 3, N = 14 = 1+4 = 5, T = 20 = 2+0 = 2, A = 1, I =9, N = 14 = 1+4 = 5

Similarly UNIVERSE

we know that U = 21 = 2+1 = 3, N = 14 = 1+4 = 5, I = 9, V = 22 = 2+2 = 4, E = 5, R = 18 = 1+8 = 9, S = 19 = 1+9 = 10 = 1+0 = 1, E = 5

therefore UNIVERS = 3 5 9 4 5 9 1 5

? = 3 5 9 4 5 9 1 5 Ans

### Question 7

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

- A. All purses are coins.
- B. All coins are rupees.
- C. All rupees are pink.

**Conclusions:**

- I. All purses are pink.
- II. All pink are coins.
- III. All rupees are purses.
- IV. All coins are pink.

- A Only conclusions I and IV follow.
- B Only conclusions I and II follow.
- C All the conclusions follow.
- D Only conclusions II and III follow.

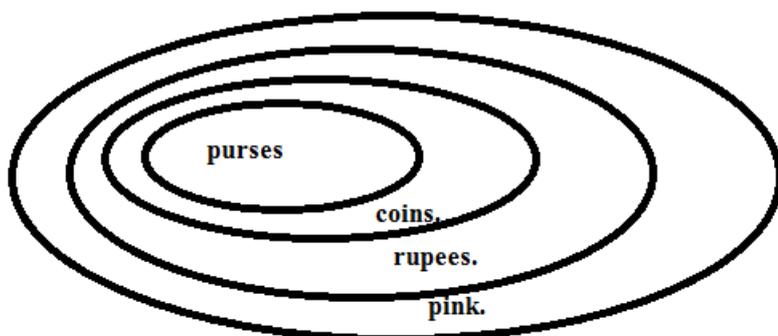
**Answer: A**

**Explanation:**

Given that **Statements:**

- A. All purses are coins.
- B. All coins are rupees.
- C. All rupees are pink.

From the Statements, We can draw the figure is given below



From the above figure we check **Conclusions:**

- I. All purses are pink True
- II. All pink are coins CND
- III. All rupees are purses CND
- IV. All coins are pink True

therefore Only Conclusions I and IV follow

Hence Option (A) Ans

## SSC CHSL Free Mock Test (Latest Pattern)

### Question 8

In a code language, DOCUMENT is written as FRGUMWQH. How is PERCEIVE written in that language?

- A UHSCEHXM

- B UHSCEHYL
- C VHSCEHYL
- D VHSCEHYK

**Answer: B**

**Explanation:**

Given that DOCUMENT is written as FRGUMWQH

PERCEIVE written in that language

We know that alphabet position A=1, B=2, C=3, D=4 ..... Z=26

represent in the form of alphabet position

4 15 3 21 13 5 14 20

6 18 7 21 13 23 17 8

the pattern is going on first three alphabet position cross add +3, +3, and middle add +3 and middle two alphabet position written as same last three alphabet position cross add +3, +3 middle add +3

similarly, PERCEIVE

written as alphabet position

16 5 18 3 5 9 22 5 is

the pattern is going on first three alphabet position cross add +3, +3, and middle add +3 and middle two alphabet position written as same last three alphabet position cross add +3, +3 middle add +3

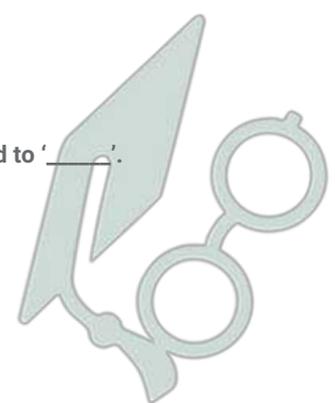
(16+3) (5+3) (18+3) (3) (5) (5+3) (22+3) (9+3)

21 8 19 3 5 8 25 12

represent in the form of alphabet

U H S C E H Y L Ans

**Question 9**

'Pleasure' is related to 'Joy' in the same way as 'Diligent' is related to '\_\_\_\_\_'.  


- A Breathlessness
- B Industrious
- C Anger
- D Sympathy

**Answer: B**

**Explanation:**

Given that 'Pleasure' is related to 'Joy'

In the same Way Diligent related Industrious give same meaning

therefore Option (B) Industrious Ans

**Question 10**

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

|    |    |    |
|----|----|----|
| 7  | 9  | 8  |
| 97 | 73 | 64 |
| 6  | 7  | ?  |
| 55 | 10 | 48 |

- A 2
- B 5
- C 4
- D 3

**Answer:** A

**Explanation:**

As a forgiven question, the pattern followed in the form of the column

$$97 - 7 \times 6 = 97 - 42 = 55$$

$$73 - 9 \times 7 = 73 - 63 = 10$$

Next  $64 - 8 \times ? = 48$

$$\Rightarrow 64 - 8? = 48$$

$$\Rightarrow 8? = 16$$

$$\Rightarrow ? = 2 \text{ Ans}$$

## Free SSC Study Material (18,000 Solved Questions)

**Question 11**

Which of the given options would be a logical sequence of the following places when arranged in a clockwise manner starting from north on India's Map?

1. Ladakh
2. Goa
3. Puducherry
4. Punjab
5. Odisha

- A 1, 4, 2, 5, 3
- B 2, 1, 4, 5, 3
- C 1, 5, 3, 2, 4
- D 1, 5, 2, 3, 4

**Answer:** C

**Explanation:**

Given that option, we arrange in the logical sequence Clockwise Manner Startin from north On India Map is given below

1. Ladakh 5. Odisha 3. Puducherry 2. Goa 4. Punjab

therefore option (C)1,5,3,2,4 Ans

**Question 12**

Select the option in which the words share the same relationship as that shared by the given pair of words.

**Gallop : Horse**

- A Scamper : Mouse
- B Elephant : Amble
- C Bird : Kangaroo

D Run : Lion

Answer: A

**Explanation:**

Given that Gallop: Horse

Similar in the option Scamper: Mouse

Hence Option (A) Scamper: Mouse Ans

**Question 13**

Which of the options is the exact mirror image of the given figure when the mirror is held at the right side?

BZF3Q12AW

A WZ1Q3FZB

B WAZIQE3ZB

C BZE3Q1ZAW

D WA2IQ3FEZB

Answer: B

**Explanation:**

Given figure

BZF3Q12AW

the above mirror image is given below held at the right side

BZF3Q12AW | WAZIQE3ZB

then the mirror image

WAZIQE3ZB

therefore Option (B) Ans

## SSC CPO Free Mock Test (Latest Pattern)

**Question 14**

Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

A Stable

B Court

C Den

D Igloo

Answer: B

**Explanation:**

From the above Option, Cort is different as the other three are names of one of other

Stable of hours

Den of Lion

Igloo of Eskimos

therefore Option (B) Cort Ans

**Question 15**

Select the letter-cluster that can replace the question mark (?) in the following series.  
DZA, FUD, HPG, JKJ, LFM, ?

A MAP

B NAQ

C NBQ

D NAP

**Answer: D**

**Explanation:**

The Given alphabet series DZA, FUD, HPG, JKJ, LFM,?

We know that alphabet position A =1, B=2, C=3, D=4 ..... Z=26

then the given series represents in the form of alphabet position

4 26 1, 6 21 4, 8 16 7, 10 11 10, 12 6 13, ?

from the above representation, we can say that series going on first is increasing 2 positions to next, second is decreasing in 5 position and third is increasing 3 positions to next

, therefore? = 14 1 16

? = N A P (14 1 16) Ans

**Question 16**

Four number pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

A 13 : 182

B 25 : 650

C 23 : 552

D 18 : 306

**Answer: D**

**Explanation:**

From the given option (A)  $13 \times 14 = 182$

(B)  $25 \times 26 = 650$

(C)  $23 \times 24 = 552$

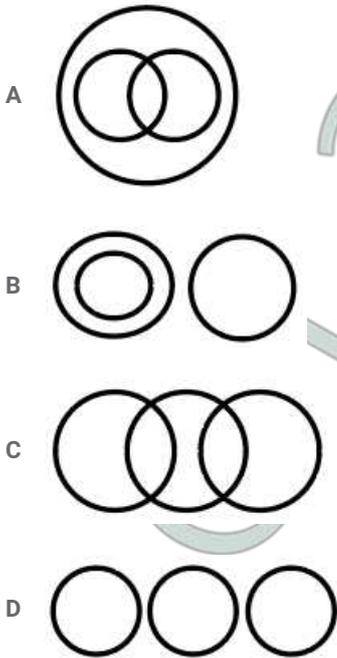
(D)  $18 \times 17 = 306$

then D is different from others, it is multiply by one less than it self.

therefore (D) 18:306 Ans

Question 17

Select the Venn diagram that best represents the relationship between the following classes.  
Periodical, Weekly, Publisher



Answer: B

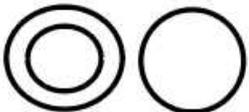
**Explanation:**

Given that Periodical, Weekly, Publisher

From the above Periodical, weekly are same and repeat a time interval

then Periodical involves in Weekly and Publisher is different

therefore the Venn Diagram is given below



Hence Option (B) Ans

Question 18

Select the word from among the given options that is similar to the given words and hence belongs to the same group.

Crocodile : Snake : Iguana : ?

- A Frog
- B Starfish
- C Chameleon
- D Toad

Answer: C

**Explanation:**

Given that

Crocodile: Snake: Iguana:?

From the above relation Crocodile: Snake

both are Reptile

then Iguana is a reptile

therefore in the Option Chameleon also a reptile

Hence Option (C) Chameleon Ans

**Question 19**

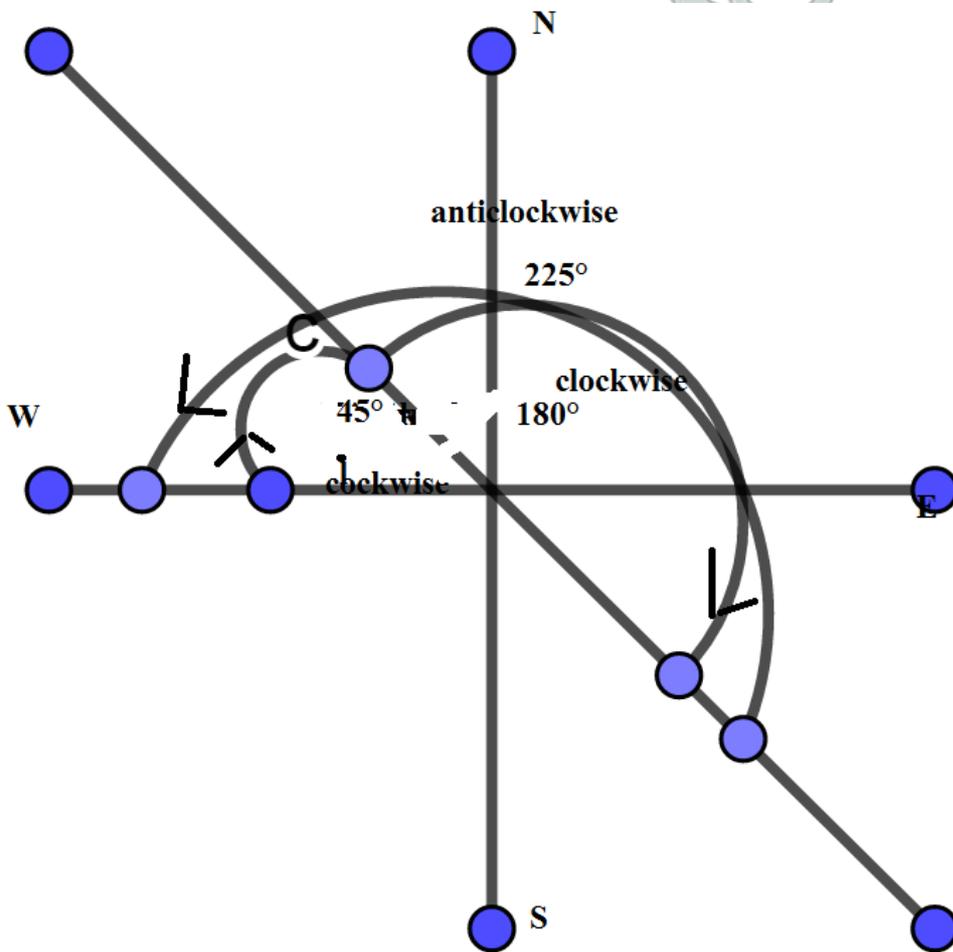
Rohan is facing towards west and turns  $45^\circ$  clockwise, again  $180^\circ$  clockwise and then turns  $225^\circ$  anticlockwise. In which direction is he facing now?

- A West
- B East
- C South
- D North

**Answer: A**

**Explanation:**

from the given question we draw the diagram is given below



then Rohan facing now = west

therefore Option (A) West Ans

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**Question 20**

Naveen, Sapna, Alka, Jenny, Megan, Farhad and Bhavna are sitting in a row in a cinema hall. All of them are facing the screen that is towards the east. Sapna is at the extreme end and her immediate neighbour is Megan. Jenny is on the right of Megan. Bhavna has Megan and Farhad on each side. Alka is to the immediate right of Jenny who is sitting third from the south end. Jenny is sitting immediately between which of the following pairs of people?

- A Bhavna and Farhad
- B Naveen and Alka
- C Farhad and Alka
- D Megan and Bhavna

**Answer:** C

**Explanation:**

According to question

sitting in a row is given below

Sapana Megan Bhashna Fashad Jenny Alka Naveen

then from the above sitting arrangement

Jenny is sitting immediately between = Fashad and Alka

therefore Option(C) Fashad and Alka Ans

**Question 21**

Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- A 34 - 289
- B 18 - 81
- C 16 - 64
- D 26 - 168

**Answer:** D

**Explanation:**

From the given option

$$(A) 34 - 289 = 34 \times 8.5$$

$$\Rightarrow 34 \times 8.5 = 289$$

18

$$(B) 18 - 81 = 18 \times 4.5$$

$$\Rightarrow 18 \times 4.5 = 81$$

16

$$(C) 16 - 64 = 16 \times 4$$

$$\Rightarrow 16 \times 4 = 64$$

26

$$(D) 26 - 168 = 26 \times 6.5$$

$$\Rightarrow 26 \times 6.5 = 169$$

then D is not satisfied thus it is odd

therefore (D) 26-168 Ans

**Question 22**

Select the number that can replace the question mark (?) in the following series.

1, 5, 11, 19, 29, 41, ?

- A 50
- B 57
- C 55
- D 49

**Answer:** C

**Explanation:**

For given series 1, 5, 11, 19, 29, 41, ?

take difference  $5 - 1 = 4$

$$11 - 5 = 6$$

$$19 - 11 = 8$$

$$29 - 19 = 10$$

$$41 - 29 = 12$$

$$\text{next ?} - 41 = 14$$

$$? = 14 + 41 = 55 \text{ Ans}$$

**SSC CGL Free Mock Test (Latest Pattern)**

**Question 23**

If + means -, - means  $\times$ ,  $\times$  means  $\div$ , and  $\div$  means +, then what will be the value of following expression?

$$50 + 10 \div 25 \times 5 - 3 = ?$$

- A 51
- B 50
- C 45
- D 55

**Answer:** D

**Explanation:**

Given expression  $50 + 10 \div 25 \times 5 - 3 = ?$

$$\Rightarrow 50 - 10 + 25 \div 5 \times 3 = ? \text{ (change to the sign for given condition)}$$

$$\Rightarrow 50 - 10 + 5 \times 3 = ?$$

$$\Rightarrow 50 - 10 + 15 = ?$$

$$\Rightarrow 65 - 10 = ?$$

$$\Rightarrow ? = 55 \text{ Ans}$$

Question 24

Which of the options is the exact mirror image of the given figure when the mirror is held at the right side?



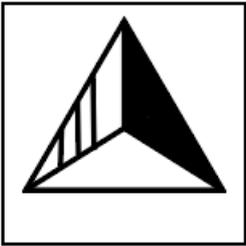
A



B



C



D



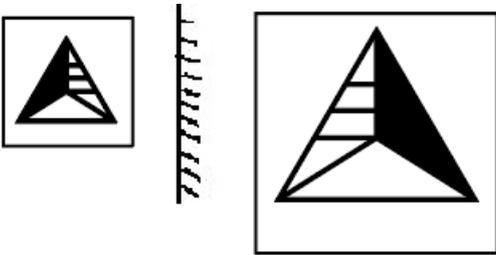
Answer: D

Explanation:

Given figure



From the above figure, the mirror image is given below



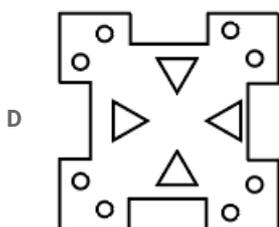
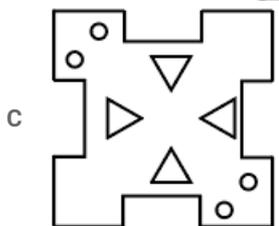
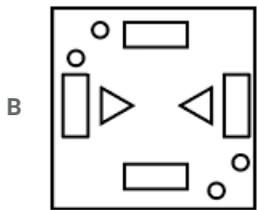
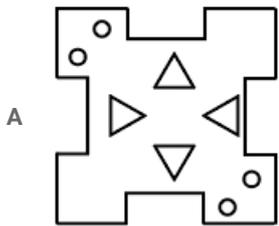
mirror image is



therefore Option (D) Ans

**Question 25**

The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



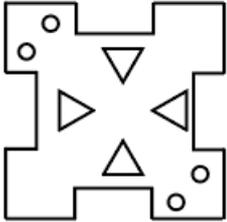
Answer: C

**Explanation:**

Given that The sequence of folding a piece of paper and the manner paper cut shown the figure



from the above figure if we can unfold the figure we obtain below image



therefore Option (C) Ans

## SSC CGL Previous Papers (DOWNLOAD PDF)

**Question 26**

Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- A Authentic
- B Genuine
- C Spurious
- D Bonafide

**Answer: C**

**Explanation:**

From the Given Option Authentic, Genuine, Bonafide are Synonyms

But Spurious is Antonyms

therefore Option (C) Spurious Ans

**Question 27**

Select the correct equation after interchanging operators '+' and '÷', and numbers '2' and '8'.

- A  $2 + 8 \div 4 = 2$
- B  $8 + 4 \div 2 = 8$
- C  $8 + 2 \div 4 = 6$
- D  $4 + 8 \div 2 = 4$

**Answer: A**

**Explanation:**

we check option (A)

$$2 + 8 \div 4 = 2$$

we change operators  $+$  and  $\div$  and numbers 2 and 8

$$\text{then } 8 \div 2 + 4 = 8$$

$$\text{LHS } 8 \div 2 + 4$$

$\Rightarrow 4 + 4$

$\Rightarrow 8$  RHS Ans

therefore it is satisfied

Ans (A)

**Question 28**

Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

A 73 - 79

B 31 - 41

C 61 - 71

D 83 - 97

**Answer: A**

**Explanation:**

From the above Option we check

Option (B) 31-41

$41 - 31 = 10$

Option (C) 61-71

$71 - 61 = 10$

Option (D) 83-97

$97 - 83 = 14$

Option (A) 73-79

$79 - 73 = 6$

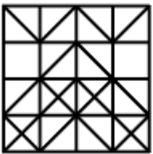
from the above Option B, C, D is the difference is two-digit But Option (A) is difference single digit

therefore Option (A) 73-79 Ans

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**Question 29**

Select the option figure which is embedded in the given figure (rotation is NOT allowed).



A

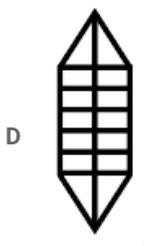


B



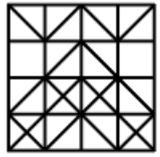
C





Answer: A

**Explanation:**  
Given figure



From the above figure embedded figure given below



then figure is



therefore Option (A) Ans

**Question 30**

Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.  
72 : 14

- A 36 : 19
- B 92 : 17
- C 45 : 20
- D 81 : 80

Answer: C

**Explanation:**

Given that 72: 14

that is follow pattern  $72 : 7 \times 2$

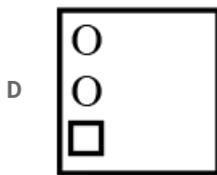
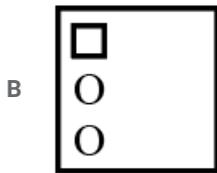
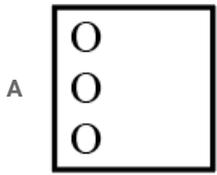
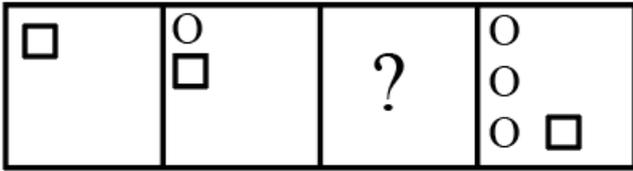
$\Rightarrow 72 : 14$

therefore  $45 : 4 \times 5$

$\Rightarrow 45 : 20$  Ans

Question 31

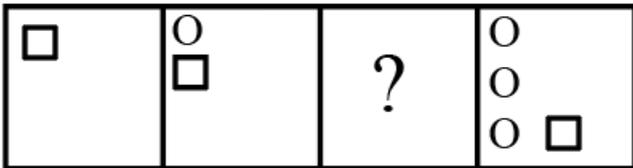
Select the figure that can replace the question mark (?) in the following series.



Answer: D

**Explanation:**

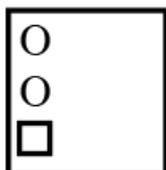
Given figure



From the above figure, the pattern one Zero added above rectangle in each Box

then?

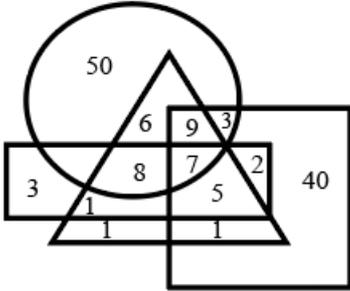
is given below



therefore Option (D) Ans

Question 32

A prestigious company had called for candidates to be interviewed. Their data has been presented by the given Venn diagram. The circle represents MBA candidates from a reputed institution, the triangle represents candidates with an experience of more than 10 years, the rectangle represents industrious candidates and the square represents candidates aged between 40 and 50 years. The numbers given in the diagram represent the number of persons of that particular category. The company has called for the final interview, only those candidates who meet all the above criteria. How many people have been called for the final interview?

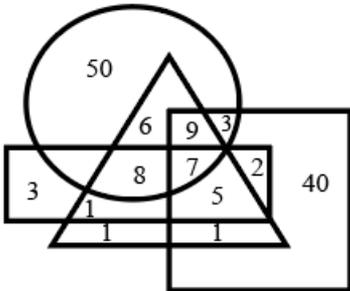


- A 6
- B 8
- C 7
- D 9

Answer: C

Explanation:

Given that Venn diagram The circle represents MBA candidates from a reputed institution, the triangle represents candidates with an experience of more than 10 years, the rectangle represents industrious candidates and the square represents candidates aged between 40 and 50 years.



Then people have been called for the final interview = 7 (from the square, Triangle, Rectangle fulfill the criteria ) Ans

Question 33

Select the letter that can replace the question mark (?) in the following series.

Z, V, P, L, ?, B

- A E
- B F
- C I
- D H

Answer: B

Explanation:

For Given Series Z, V, P, L, ?, B

We know that Alphabet position A= 1, B=2, C=3, ..... Z= 26

then the given series in the form of alphabet positions form

so 26, 22, 16, 12,?, B

the series going on  $26-22=4$ ,  $22-16=6$ ,  $16-12=4$

next series  $12 - ? = 6$

then  $? = 6$

$? = F(6)$  Ans

**Question 34**

Select the figure that can replace the question mark (?) in the following series.

|     |     |     |   |
|-----|-----|-----|---|
| O   | U e |     |   |
| U i | O   | e U | ? |
| e   | i   | O   |   |

A

|   |   |
|---|---|
| i |   |
|   | O |
| U | e |

B

|   |   |
|---|---|
| i |   |
| U | O |
|   | e |

C

|     |   |
|-----|---|
|     | O |
| i U | e |

D

|   |   |
|---|---|
| i |   |
| e | O |
|   | U |

Answer: A

**SSC Stenographer Previous Papers (DOWNLOAD PDF)**

**Question 35**

Select the option that is related to the third word in the same way as the second word is related to the first word.

Power : Watt :: Pressure : ?

A Degrees

B Pascal

C Newton

D Ohm

Answer: B

**Explanation:**

Given that Power : Watt :: Pressure : ?

Power is related to Watt

, therefore, Pressure is related Pascal

? = Pascal Ans

**Question 36**

Rearrange the given letters to form meaningful words and select the option which is different from the other three words.

A REAYBL

B ETWAH

C EZAMI

D SEHCWA

**Answer: D**

**Explanation:**

From the above option given three-place

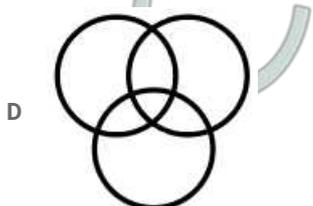
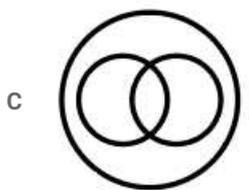
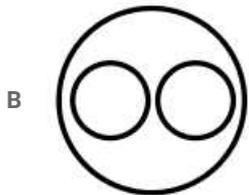
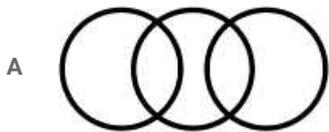
But SEHCWA is without meaning full.

therefore Option (D) SEHCWA Ans

**Question 37**

Select the Venn diagram that best represents the relationship between the following classes.

Women, Officer, Stenographer



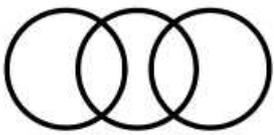
**Answer: A**

**Explanation:**

Given that Women, Officer, Stenographer

from the above Stenographer can be women and women can be an officer

therefore given is represent in the form of Venn diagram



then therefore option (A) Ans

## SSC Stenographer Previous Papers (Latest Pattern)

### Question 38

Select the option that is related to the third term in the same way as the second term is related to the first term.

$$\begin{array}{ccc} 6 & 8 & 11 \\ 34 : 62 :: 119 : ? \end{array}$$

A  $\begin{array}{c} 13 \\ 165 \end{array}$

B  $\begin{array}{c} 17 \\ 167 \end{array}$

C  $\begin{array}{c} 15 \\ 171 \end{array}$

D  $\begin{array}{c} 13 \\ 167 \end{array}$

Answer: D

### Explanation:

As for given question

$$6^2 = 36 - 2 = 34$$

6  
represent is 34

$$8^2 = 64 - 2 = 62$$

8  
represent is 62

$$11^2 = 121 - 2 = 119$$

11  
represent 119

$$\text{next } 13^2 = 169 - 2 = 167$$

13  
represent 167 Ans

### Question 39

In the following number series, two numbers have been put within brackets. Select the most appropriate option for these numbers in relation to their inclusion in the series.

0, 7, 26, (65), 124, 215, (344), 511

A The first bracketed number is correct and the second bracketed number is incorrect.

B The first bracketed number is incorrect and the second bracketed number is correct.

C Both the bracketed numbers are incorrect.

D Both the bracketed numbers are correct.

**Answer: C**

**Explanation:**

Given series 0, 7, 26, (63), 124, 215, (344), 511

the above is pattern followed

$$1^3 - 1, 2^3 - 1, 3^3 - 1, (4^3 - 1), 5^3 - 1, 6^3 - 1, (7^3 - 1), 8^3 - 1$$

$$\Rightarrow 0, 7, 26, (63)124, 215, (342)515$$

then the Braacket number is incorrect Both (i.e not follow the pattern )

therefore (C) Both the Bracket number are incorrect. Ans

**Question 40**

**Select the option that is related to the third term in the same way as the second term is related to the first term.**

**PURPOSE : QWUTTYL :: SERVICE : ?**

A RGVZNHL

B TGUZNGL

C RFUZNGL

D TGUZNIL

**Answer: D**

**Explanation:**

Given that PURPOSE: QWUTTYL:: SERVICE:?

We know that alphabet Position A=1,B=2, C=3,D=4 .....Z=26

the given is represent in the form of alphabet Position

$$16\ 21\ 18\ 16\ 15\ 19\ 5 : 17\ 23\ 21\ 20\ 20\ 25\ 12 : 19\ 5\ 18\ 22\ 9\ 3\ 5 : ?$$

from the above pattern is followed alphabet Position increases +1, +2, +3, +4, +5, +6, +7

$$\text{then } ? = (19+1) (5+2) (18+3) (22+4) (9+5) (3+6) (5+7)$$

$$= 20\ 7\ 21\ 26\ 14\ 9\ 12$$

? = T G U Z N I L (represent in the form of the alphabet )

therefore? = TGUZNIL Ans

## SSC CGL Tier-2 Previous Papers PDF

**Question 41**

**In a certain code, REASON is coded as 13, CHAIR is coded as 11, then what is the code of EXAMINATION?**

A 22

B 11

C 23

D 12

**Answer: C**

**Explanation:**

Given that code, REASON is coded as 13

CHAIR is coded as 11

that follows pattern =  $2 \times \text{alphabet number used in words} + 1$

that REASON =  $2 \times 6 + 1 = 13$

and CHAIR =  $2 \times 5 + 1 = 11$

therefore EXAMINATION =  $2 \times 11 + 1 = 23$  Ans

**Question 42**

Select the number that can replace the question mark (?) in the following series.

13, 15, 19, 25, 33, ?

A 54

B 43

C 42

D 41

**Answer: B**

**Explanation:**

Given series 13, 15, 19, 25, 33, ?

the above series follows the pattern

$$13 + 2 = 15$$

$$15 + 4 = 19$$

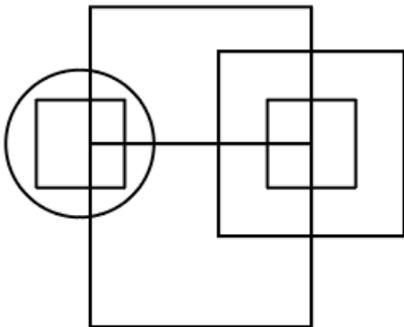
$$19 + 6 = 25$$

$$25 + 8 = 33$$

then next follow pattern ? =  $33 + 8 = 43$  Ans

**Question 43**

Identify the number of straight lines in the given figure.



A 15

B 17

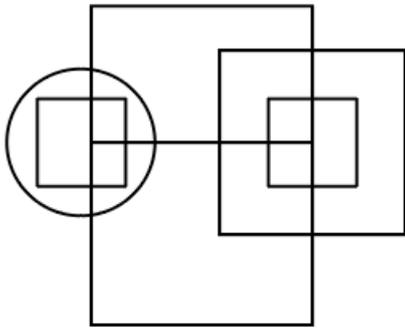
C 19

D 20

**Answer: B**

**Explanation:**

Given figure



from the above image given

Rectangle = 4

then straight line =  $4 \times 4$

= 16

and one line joint two rectangle = 1

then total straight line =  $16+1 = 17$  Ans

## SSC Exam Free Videos (Youtube)

### Question 44

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

14 : 289 :: 17 : 400 :: 21 : ?

- A 576
- B 441
- C 570
- D 504

Answer: A

### Explanation:

Given that 14 : 289 :: 17 : 400 :: 21 : ?

the pattern follow

$14 : (14 + 3)^2 :: 17 : (17 + 3)^2 :: 21 : (21 + 3)^2$

then  $\Rightarrow ? = (21 + 3)^2$

$\Rightarrow ? = 576$  Ans

### Question 45

Select the option that is related to the third term in the same way as the second term is related to the first term.

ZPEEXFLCRQ : SHIFT :: ATEXXDIBVO : ?

- A ADORE
- B WAGER
- C VADER
- D EAGLE

Answer: B

### Explanation:

Given that ZPEEXFLCRQ : SHIFT:: ATEXXDIBVO:?

We know that alphabet position A=1, B=2, C=3, ..... Z=26

then the above is represented in the form of alphabet position

26 16 5 5 24 6 12 3 18 17: 19 8 9 6 20 :: 1 20 5 24 24 4 9 2 22 15: ?

from the above, the pattern is going on every even position increases +3 alphabet position but every odd position is not used in this pattern

then (20+3) (24+3) (4+3) (2+3) (15+3)

23 27 7 5 18

represent in the form of alphabet

W A G E R

therefore? = W A G E R Ans

#### Question 46

Three of the four options are similar to the given number set in a certain manner while one is different. Select the option that is NOT like the given number set.

(90, 450, 810)

A (5, 25, 45)

B (21, 105, 189)

C (7, 35, 56)

D (17, 85, 153)

Answer: C

#### Explanation:

Given that (90, 450, 810)

the above-given number follows the pattern

$$90 \times 5 = 450$$

$$90 \times 9 = 810$$

in the same A, B, D is follow that pattern given below

(A)(5,25,45)

that is follow the pattern  $5 \times 5 = 25$

$$5 \times 9 = 45$$

(B)(21,105,189)

$$21 \times 5 = 105$$

$$21 \times 9 = 189$$

(D)(17,85,153)

$$17 \times 5 = 85$$

$$17 \times 9 = 153$$

but option (C)(7,35,56) is not follow the pattern

$$7 \times 5 = 35$$

$$7 \times 9 = 63$$

therefore option (C) (7,35,56) Ans

## SSC Study Material

### Question 47

Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- A NIZAM
- B STEIN
- C MAINS
- D SAINT

Answer: B

#### Explanation:

From the given Option NIZAM, MAINS, AINT are Similar which is used Only two Vowel A and I

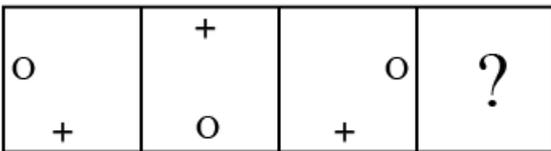
But STEIN it used Vowel E And I .

therefore it is different from the given Option

Hence Option (B) STEIN Ans

### Question 48

Select the figure that can replace the question mark (?) in the following series.



- A 

|   |   |
|---|---|
| + | O |
|---|---|
- B 

|   |   |
|---|---|
| O |   |
|   | + |
- C 

|   |   |
|---|---|
|   | O |
| + |   |
- D 

|   |   |
|---|---|
| + | O |
|---|---|

Answer: A

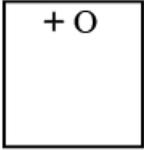
#### Explanation:

Given figure

|   |   |   |   |
|---|---|---|---|
| o | + | o | ? |
| + | o | + |   |

From the above figure, the pattern is going + symbol is up and down every Box and O is rotated anticlockwise direction 1 place each Box

then? =



therefore Option (A) Ans

**Question 49**

Select the correct combination of mathematical signs to replace \* signs and to balance the following equation.  
 $\frac{1}{6} * \frac{1}{24} * 2 * 8 * 35 = 23$

- A  $\times, -, \div, + =$
- B  $\times, +, \div, - =$
- C  $+, -, \div, \times =$
- D  $\div, -, \times, + =$

**Answer:** D

**Explanation:**

Given expression  $\frac{1}{6} * \frac{1}{24} * 2 * 8 * 35 = 23$

we check given option But A, B, C is not satisfied to the given expression

then check option (D) given below same as check option A,B,C

$$\frac{1}{6} \div \frac{1}{24} - 2 \times 8 + 35 = 23$$

we put the given sign in the given expression

$$\frac{1}{6} \div \frac{1}{24} - 2 \times 8 + 35 = 23$$

From the LHS  $\frac{1}{6} \div \frac{1}{24} - 2 \times 8 + 35$

$$\rightarrow \frac{1}{6} \times \frac{24}{1} - 2 \times 8 + 35$$

$$\rightarrow 4 - 16 + 35$$

$$\rightarrow -12 + 35$$

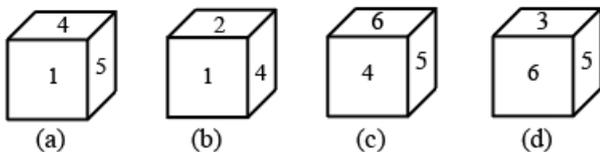
$$\rightarrow 23 \text{ RHS}$$

therefore option (D)  $\div, -, \times, + =$  Ans

## SSC Daily Practice Set

**Question 50**

Four positions of a dice are shown. What number must be at the bottom face when the dice is in the position as shown in figure (a)?

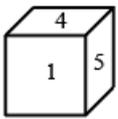


- A 3
- B 2
- C 4
- D 5

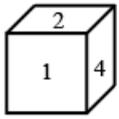
Answer: A

Explanation:

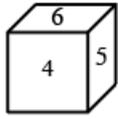
Given that



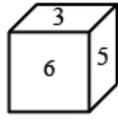
(a)



(b)



(c)



(d)

from the above diagram, the number must be at the bottom face when the dice is in the position as shown in figure (a)= 3 therefore Option (A) 3 Ans

## SSC GK Free Tests

### General Knowledge and General Awareness

Instructions

For the following questions answer them individually

Question 51

The power to summon each House of Parliament is vested with the:

- A President
- B Lok Sabha Speaker
- C Vice President
- D Union Cabinet

Answer: A

## Current Affairs Question and Answers (Download PDF)

Question 52

The Netravati River flows through which of the following cities?

- A Karwar
- B Mangaluru
- C Bengaluru
- D Shivamogga

Answer: B

**Question 53**

In the context of various environment protection treaties/protocols and the places associated with them, which of the following is NOT correctly paired?

- A Protocol on Biosafety - Cartagena
- B Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade - Stockholm
- C Convention on the Control of Transboundary Movement of Hazardous Wastes and their Disposal - Basel
- D Convention on Biological Diversity - Nagoya

**Answer: B**

**Question 54**

As per ancient Indian philosophy, the Purusharthas or the four aims of life does NOT include:

- A kama
- B moksha
- C artha
- D yasha

**Answer: D**

**Daily and Monthly Current Affairs (Download PDF)**

**Question 55**

Which of the following may be classified as a 'Pigouvian tax'?

- A Long term capital gain tax
- B Corporate tax
- C Carbon tax
- D Income tax

**Answer: C**

**Question 56**

The procedure for impeachment of the President of India is mentioned in Article \_\_\_\_\_ of the Constitution of India.

- A 61
- B 63
- C 62
- D 60

**Answer: A**

**Question 57**

As per the UN criteria, a city qualifies as a mega city when its population is a minimum of:

- A 5 million
- B 10 million
- C 15 million
- D 12 million

**Answer: B**

## SSC Free Preparation App

**Question 58**

For the calculation of the 'wholesale price index' in 2019, \_\_\_\_ is taken as the base year.

- A 2013-14
- B 2014-15
- C 2011-12
- D 2012-13

**Answer: C**

**Question 59**

According to the Demographic Transition Theory, the third stage in a demographic cycle is marked by:

- A high fertility low mortality
- B low fertility low mortality
- C high mortality low fertility
- D high fertility high mortality

**Answer: B**

**Question 60**

Which of the following statements about the ionosphere is NOT correct?

- A Radio waves transmitted from the earth are reflected back to the earth by this layer.
- B It contains charged particles.
- C It is ionised by solar and cosmic radiation.
- D It is located immediately above the stratopause.

**Answer: D**

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**Question 61**

What would you call the area under the curve of a velocity-time graph included between itself and two time ordinates?

- A Speed
- B Displacement
- C Velocity
- D Acceleration

**Answer: B**

**Question 62**

'Turi', 'Bungal' and 'Pava' are folk musical instruments from the state of:

- A West Bengal
- B Karnataka
- C Odisha
- D Gujarat

**Answer: D**

**Question 63**

In September 2019, \_\_\_\_\_ took over the chairmanship of the Association of World Election Bodies (A-WEB) for the term 2019-21.

- A Om Prakash Rawat
- B Sushil Chandra
- C Ashok Lavasa
- D Sunil Arora

**Answer: D**

## SSC CHSL Previous Papers (DOWNLOAD PDF)

**Question 64**

Who among the following is NOT a recipient of the '2019 Right Livelihood Award'?

- A Doreen Lawrence
- B Aminatou Haidar
- C Guo Jianmei
- D Greta Thunberg

**Answer: A**

**Question 65**

Who among the following female Indian boxers does NOT hold the distinction of reaching the final at the World Boxing Championships in her debut?

- A Manju Rani

- B Sonia Chahal
- C Jamuna Boro
- D Sarjubala Devi

**Answer: C**

**Question 66**

**Pyrolusite is an ore of:**

- A manganese
- B chromium
- C titanium
- D uranium

**Answer: A**

### **SSC CHSL Free Mock Test (Latest Pattern)**

**Question 67**

**Among the given elements, which comes first in the periodic table of elements?**

- A Sodium
- B Neon
- C Potassium
- D Silicon

**Answer: B**

**Question 68**

**Which of the following is NOT an item mentioned in the Concurrent List of the Constitution of India?**

- A Banking
- B Bankruptcy and insolvency
- C Criminal procedure
- D Criminal law

**Answer: A**

**Question 69**

**Researchers from the UK and India have developed a hand-washing robot, who has been named:**

- A Gope
- B Hepe
- C Hope

D Pepe

Answer: D

## Free SSC Study Material (18,000 Solved Questions)

Question 70

In the context of Overseas Citizens of India (OCI), which of the following statements is NOT correct?

- A A foreign national those who or either of whose parents or grandparents or great grandparents is or had been a citizen of Pakistan or Bangladesh, is not eligible for it.
- B An OCI is granted multiple entry visa for a period of ten years only.
- C An OCI is allowed to undertake all activities except research work for which special permission is required.
- D Any foreign national who was eligible to become a citizen of India on 26.01.1950 is eligible for it.

Answer: B

Question 71

In which state of India is the harvest festival of 'Kailpodh' celebrated by an indigenous community?

- A Odisha
- B Madhya Pradesh
- C Jharkhand
- D Karnataka

Answer: D

Question 72

Which of the following provisions of the Indian Constitution is correctly paired with the article pertaining to it?

- A Protection of life and personal liberty - Article 21
- B Prohibition of traffic in human beings - Article 24
- C Right to education - Article 22A
- D Prohibition of employment of any child below fourteen years of age in any factory or mine - Article 23

Answer: A

## SSC CPO Free Mock Test (Latest Pattern)

Question 73

In the Canada Deuterium Uranium (CANDU) reactor, a natural uranium-fuelled reactor, the function of moderator and coolant is performed by:

- A heavy water
- B light water
- C carbon dioxide

D sodium

**Answer: A**

**Question 74**

**How do Pteridophytes reproduce?**

A With the help of budding

B With the help of spores

C With the help of pollens

D With the help of seeds

**Answer: B**

**Question 75**

**As of September 2019, the distinction of being the youngest Indian Grandmaster was held by:**

A D Gukesh

B R Praggnanandhaa

C Parimarjan Negi

D Raunak Sadhwani

**Answer: A**

## SSC CPO Previous Papers

**Question 76**

**Which of the following schedules was added to the Constitution by the Constitution (First Amendment) Act, 1951?**

A Eighth

B Ninth

C Tenth

D Seventh

**Answer: B**

**Question 77**

**In normal cells, the process of the flow of genetic information from DNA to RNA is called:**

A transportation

B transcription

C translocation

D translation

**Answer: B**

**Question 78**

In which year was the first Industrial Policy based on the mixed economy principle announced in India? The policy clearly demarcated the areas of operation of the public and private sectors.

- A 1959
- B 1948
- C 1950
- D 1962

**Answer: B**

## 1500 + Free Must Solved SSC Questions (With Solutions)

**Question 79**

The famous Irwin Declaration on 31 October 1929 promised:

- A independence of princely states
- B total integration of princely states with the rest of India
- C universal adult franchise in India
- D a dominion status for India

**Answer: D**

**Question 80**

Indian sportsperson Lakshya Sen is a \_\_\_\_\_ player.

- A judo
- B badminton
- C kabaddi
- D wrestling

**Answer: B**

**Question 81**

The skull of a 'Homo erectus' was found in which of the following pre-historic Indian sites?

- A Pachmarhi
- B Hathnora
- C Patne
- D Sanganakallu

**Answer: B**

**Question 82**

The Aitchison Commission, 1886, was appointed to make recommendations for reforms in the:

- A armed forces
- B Indian judicial system
- C Indian civil services
- D administration of princely states

**Answer: C**

**Question 83**

Which of the following languages does NOT belong to the Indo-Aryan language family?

- A Munda
- B Punjabi
- C Dogri
- D Assamese

**Answer: A**

**Question 84**

\_\_\_\_\_ has been awarded the SASTRA Ramanujan Prize, 2019.

- A Akshay Venkatesh
- B Adam Harper
- C Manjul Bhargava
- D Maryam Mirzakhani

**Answer: B**

**SSC CGL Previous Papers (DOWNLOAD PDF)**

**Question 85**

Who among the following Delhi Sultans traced his descent to the ancient hero Afrasiyab in order to fabricate a noble birth for himself?

- A Qutb-ud-din Aibak
- B Iltutmish
- C Balban
- D Alauddin Khilji

**Answer: C**

**Question 86**

As per the Economic Survey 2018-19, the national 'total fertility rate' is expected to be below replacement rate by the year:

- A 2024
- B 2025
- C 2022
- D 2021

**Answer: D**

**Question 87**

Who among the following has co-authored the book titled 'Bridgital Nation: Solving Technology's People Problem'?

- A Sundar Pichai
- B Nandan Nilekani
- C N Chandrasekaran
- D Sam Pitroda

**Answer: C**

**Daily Free SSC Practice Set**

**Question 88**

Which of the following institutions does NOT regulate capital markets in India?

- A RBI
- B SEBI
- C Ministry of Finance
- D IRDA

**Answer: D**

**Question 89**

At which of the following sites have archaeologists recovered burial of five wild dogs and antler's horn?

- A Utnur
- B Gufkral
- C Burzahom
- D Kupgal

**Answer: C**

**Question 90**

Under Mauryan administration the 'Sitadhyaksha' was the officer in charge of:

- A royal harem
- B customs

- C mines
- D agriculture

Answer: D

## General Science Notes (Download PDF)

### Question 91

Hiccups in humans generally occur due to the forceful downward shifting of the:

- A diaphragm
- B trachea
- C lungs
- D larynx

Answer: A

### Question 92

The collection of poems titled 'Pakkaki Ottigilite' has been composed by:

- A Kasturi Murali Krishna
- B K Siva Reddy
- C Varavara Rao
- D Suryadevara Rammohan Rao

Answer: B

### Question 93

Who won the 2019 US Open - Men's Singles title?

- A Rafael Nadal
- B Roger Federer
- C Daniil Medvedev
- D Novak Djokovic

Answer: A

## SSC Stenographer Previous Papers (DOWNLOAD PDF)

### Question 94

Which of the following sites is the largest protected wetland in India?

- A Pulicat Lake
- B Sundarbans

C Upper Ganga River

D Vembanad-Kol

Answer: B

Question 95

Which of the following foundations confers the 'Global Goalkeeper Awards'?

A Coca-Cola Foundation

B Ford Foundation

C Infosys Foundation

D Bill and Melinda Gates Foundation

Answer: D

Question 96

Which of the following is NOT a primary force which influences ocean currents?

A Magnetic fields of the earth

B Heating by the sun

C Gravity

D Coriolis force

Answer: A

## SSC Stenographer Previous Papers (Latest Pattern)

Question 97

Once a satellite has been launched into orbit, the only force governing its motion is the force of \_\_\_\_\_.

A gravity

B elasticity

C friction

D fuel driven

Answer: A

Question 98

In the context of medieval Sufi tradition, the term 'wali' meant:

A hermitage

B order

C disciple

D saint

Answer: D

**Question 99**

Which one of the following attributes is NOT true for uniform circular motion?

- A The distance is always equal to the displacement
- B Velocity is always perpendicular to the radius of the circle
- C The speed of the body remains constant
- D The velocity of the body is continuously changing

**Answer:** A

## SSC CGL Tier-2 Previous Papers PDF

**Question 100**

Which of the following statements about Ganymede is NOT correct?

- A It is bigger than Mercury.
- B It is the largest natural satellite in our solar system.
- C It is the only moon known to have its own internally generated magnetic field.
- D It revolves around Saturn.

**Answer:** D

## SSC Exam Free Videos (Youtube)

### Quantitative Aptitude

**Instructions**

For the following questions answer them individually

**Question 101**

Which of the following is exactly divisible by 6?

- A 4325672
- B 5643252
- C 96543111
- D 465466

**Answer:** B

**Explanation:**

For divisibility by  $6 = 3 \times 2$

the number must be even and sum of digit must be divisibility = 3

the check option (A) 4325672

$4+3+2+5+6+7+2 = 29$

it is not divisible by 3

check (B) 5643252

sum of given digit  $5+6+4+3+2+5+2 = 27$  it is divisible by 3 and hence it is also divisible by 6

check option (C) 96543111

sum of given digit  $9+6+5+4+3+1+1+1 = 31$  it is odd not divisible by 6

check option (D) 465466

sum of given digit  $4+6+5+4+6+6 = 31$  it is not divisible by 6

therefore Only Option (B) 5643252 is divisible by 6

hence Option (C) 5643252 Ans

## SSC Study Material

### Question 102

Vivek can do a certain work in 14 days. Vishal is 75% more efficient than Vivek. How many days will Vishal alone take to do the same work?

- A 8 days
- B 9 days
- C 10 days
- D 6 days

Answer: A

#### Explanation:

Vivek work = 14 days

the efficiency of Vivek =  $\frac{1}{14}$  days

Vishal efficiency =  $\frac{1.75}{14}$  (According to question 75% more)

vishal same work done  $\rightarrow \frac{1400}{1.75}$

$\rightarrow 8$  days Ans

### Question 103

A certain sum of money amounts to ₹8,928 in two years and to ₹10,224 in  $\frac{1}{2}$  years, both at simple interest. The rate of interest per annum is:

- A 12%
- B 10%
- C 9%
- D 15%

Answer: A

#### Explanation:

We know that formula simple interest (SI) =  $\frac{PRT}{100}$  and  $A = P + SI$

Case (1)  $8928 = P + \frac{PR \cdot 2}{100}$  ..... equation (1)

Case (2)  $10224 = P + \frac{PR \cdot 3.5}{100}$  ..... equation (2)

Divide equation (2) by equation (1)

$\frac{10224}{8928} = \frac{100 + 3.5R}{100 + 2R}$

$\rightarrow 8928 \times (100 + 3.5) = 10224 \times (100 + 2R)$

$$\Rightarrow R = \frac{1296 \times 100}{10800}$$

$$\Rightarrow R = 12 \text{ \%Ans}$$

#### Question 104

Ranjeet drives his car at an average speed of 50 km/hr and reaches his destination in 8 hours. Rahman covers the same distance in 5 hours. If Ranjeet increases his speed by 10 km/hr and Rahman increases his speed by 20 km/hr, then what will be the difference in time taken by them to reach their destination?

- A 2 hours 30 minutes
- B 3 hours 40 minutes
- C 3 hours 20 minutes
- D 2 hours 40 minutes

**Answer:** D

#### Explanation:

$$\text{Distance} = \text{speed} \times \text{time} = 50 \times 8 = 400 \text{ km}$$

$$\text{speed of Rahman} = \frac{\text{dist}}{\text{time}} = \frac{400}{5} = 80 \frac{\text{km}}{\text{hr}}$$

$$\text{new speed of Ranjeet} = 50 + 10 = 60 \frac{\text{km}}{\text{hr}}$$

$$\text{new speed of Rahman} = 80 + 20 = 100 \frac{\text{km}}{\text{hr}}$$

$$\text{Time taken by Ranjeet with new speed} = \frac{400}{60} = \frac{20}{3} \text{ hr}$$

$$\text{Time taken by Rahman with new speed} = \frac{400}{100} = 4 \text{ hr}$$

$$\text{then difference both speed} = \frac{20}{3} - 4 = \frac{20 - 12}{3} = \frac{8}{3} \text{ hr}$$

$$\Rightarrow 2 \frac{2}{3} \text{ hr}$$

$$\Rightarrow 2 \text{ hr and } \frac{2}{3} \times 60 \text{ min}$$

$$\Rightarrow 2 \text{ hr and } 40 \text{ min Ans}$$

### SSC Daily Practice Set

#### Question 105

A, B and are partners in a business. A, whose capital has been used for 5 months, claims  $\frac{1}{7}$  of the profit. B whose capital has been used for 7 months, claims  $\frac{1}{5}$  of the profit. C has invested ₹4,600 for 9 months. How much capital did A contribute?

- A ₹1,800
- B ₹1,650
- C ₹1,600
- D ₹1,850

**Answer:** A

#### Explanation:

According to the question, we find Ratio A: B:C

$$A: B: C = \frac{1}{7} : \frac{1}{5} : \left( \frac{1}{7} + \frac{1}{5} \right)$$

$$\Rightarrow \frac{1}{7} : \frac{1}{5} : \frac{35 - 7}{35}$$

$$\Rightarrow 5:7:23$$

$$\text{Let A contribute} = ₹x$$

so,  $A : C = 5 : 4600 \times 9 = 5 : 23$

$\Rightarrow x \times 5 \times 23 = 4600 \times 9 \times 5$

$\Rightarrow x = \frac{4600 \times 9 \times 5}{5 \times 23}$

$\Rightarrow x = 1800$  Ans

#### Question 106

The Value of  $\frac{(2.8)^3 + (2.2)^3}{(28)^2 - 28 \times 22 + 484}$  is:

A 0.02

B 0.05

C 0.01

D 0.5

Answer: B

#### Explanation:

$\frac{(2.8)^3 + (2.2)^3}{(28)^2 - 28 \times 22 + 484}$

$\Rightarrow \frac{(2.8)^3 + (2.2)^3}{784 + 484 - 616}$

$\Rightarrow \frac{21.952 + 10.648}{1268 - 616}$

$\Rightarrow \frac{32.6}{652}$

$\Rightarrow 0.05$  Ans

#### Question 107

The average age of husband, wife and child 7 years ago was 42 years and that of wife and child 9 years ago was 36 years. The present age of the husband is:

A 50

B 55

C 48

D 57

Answer: D

#### Explanation:

Let the present age of husband =  $x$

the present age of wife =  $y$

and the present age of child =  $z$

then according to question,  $\frac{(x-7)+(y-7)+(z-7)}{3} = 42$

$\Rightarrow x+y+z = 126 + 21$

$\Rightarrow x+y+z = 147$  ..... equation (1)

again according to question  $\frac{(y-9) + (z-9)}{2} = 36$

$\Rightarrow y+z-18 = 72$

$\Rightarrow y+z = 90$  ..... equation (2)

so equation (2) subtract from equation (1)

then  $x+y+z-y-z = 147-90$

$\Rightarrow x = 57$

then the present age of husband = 57 Ans

## SSC GK Free Tests

### Question 108

Mangoes are bought at a rate of ₹10,000 per ton. If one-third of the total mangoes are sold at a loss of 4%, then at what price (per ton) should the remaining mangoes be sold so as to gain 30% on the whole transaction?

- A ₹15,000
- B ₹13,500
- C ₹14,700
- D ₹14,600

Answer: C

#### Explanation:

Let, the rest mangoes should be sold at  $\$x\$\$$

so In case of first =  $\$\frac{1}{3}\text{rd}\$\$$

selling price =  $\$\frac{1}{3} \times 10000 \times \frac{96}{100}\$\$$

$\$\rightarrow \frac{9600}{3}\$\$$

$\rightarrow 3200\$\$$

total profit on whole transaction = 30 %

so total selling price =  $\$10000 \times \frac{130}{100}\$\$$

$\rightarrow 10000 \times \frac{130}{100}\$\$$

$\rightarrow 13000\text{ Ans}\$\$$

In case of rest  $\frac{2}{3}\text{rd}\$\$$  selling price =  $13000 - 3200 = 9800$

hence  $\frac{2}{3}x = 9800\$\$$

$\rightarrow x = 9800 \times \frac{3}{2}\$\$$

$\rightarrow x = 14700\text{ Ans}\$\$$

### Question 109

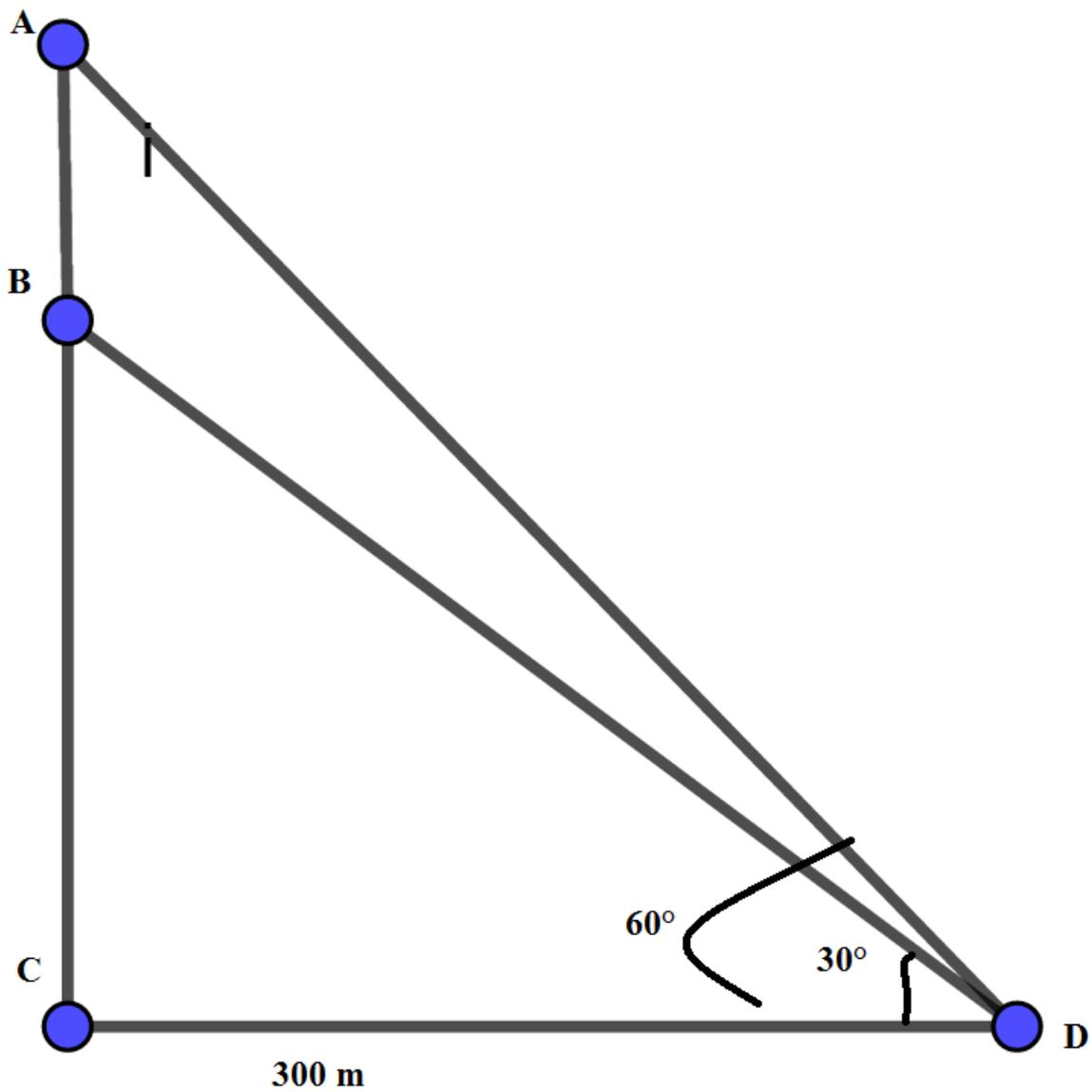
The angle of elevation of the top of a tree from a point on the ground which is 300 m away from the tree is  $30^\circ$ . When the tree grew up, its angle of elevation of the top of it became  $60^\circ$  from the same point. How much did the tree grow? (nearest to an integer)

- A 342 m
- B 364 m
- C 384 m
- D 346 m

Answer: D

#### Explanation:

we draw the diagram is given below



Ab is the height that tree grew up

Let  $AB = h$

In  $\triangle BCD$

$$\frac{BC}{CD} = \tan 30^\circ$$

$$BC = 300 \times \frac{1}{\sqrt{3}}$$

$$BC = 100\sqrt{3} \text{ m}$$

In  $\triangle ACD$

$$\frac{AC}{CD} = \tan 60^\circ$$

$$\Rightarrow \frac{AB+BC}{300} = \sqrt{3}$$

$$AB + 100\sqrt{3} = 300\sqrt{3}$$

$$AB = 300\sqrt{3} - 100\sqrt{3}$$

$$AB = 200\sqrt{3}$$

$$AB = 200 \times 1.73$$

$$AB = 346$$

therefore the tree grow = 346 m Ans

Question 110

Two persons A and B are paid a total of ₹2,040 per week by their employer. If B is paid 140 per cent of the sum paid to A, then how much is A paid per week?

- A ₹750
- B ₹820
- C ₹850
- D ₹800

Answer: C

Explanation:

Let the amount paid to A per week = ₹x

according to question,

amount paid to B per week B = 140 % of ₹x = ₹  $\frac{140}{100} \times x$

total amount = ₹x + ₹  $\frac{140}{100} \times x$

Now, taking LCM,

$$x \frac{100}{100} + \frac{140}{100}x = 2040$$

$$\Rightarrow \frac{100x + 140x}{100} = 2040 \quad (\text{making same denominator})$$

$$\Rightarrow 240x = 2040 \times 100$$

$$\Rightarrow x = \frac{2040 \times 100}{240}$$

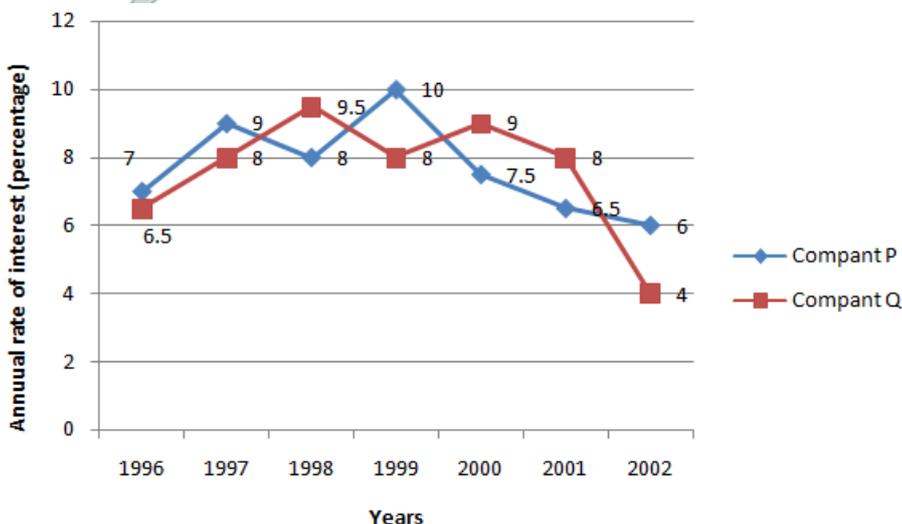
$$\Rightarrow x = 850 \quad \text{Ans}$$

## Current Affairs Question and Answers (Download PDF)

Question 111

Two different finance companies declare a fixed annual rate of interest on the amount invested by investors with them. The interest rate declared by these companies can vary from year to year depending on the variation in the country's economy and the interest rate of the banks. The annual rate of interest offered by the two companies P and Q is shown in the graph below. Study the graph and answer the question.

Annual percentage rate of interest offered by two finance companies P and Q over the years.



A sum of ₹3.5 lakhs was invested in company Q in the year 2000 for one year. How much more simple interest will accrue if the amount was invested in company P?

- A ₹5,500

B ₹5,000

C ₹5,200

D ₹5,250

**Answer: D**

**Explanation:**

Note that, the annual rate offered by company Q and p for the year 2000 is 9% and 7.5% form given Di in other words,

company Q is offering 1.5 more than p

so for a sum of Rs 3.5 lakhs company Q simply interest will accrue more than p

$$\rightarrow 3.5 \text{ lakh} \times 1.5\%$$

$$\rightarrow 350000 \times \frac{1.5}{100}$$

$$\rightarrow 350 \times 15$$

$$\rightarrow 5250 \text{ RsAns}$$

**Question 112**

Two equilateral triangles of side  $10\sqrt{3}$  cm are joined to form a quadrilateral. What is the altitude of the quadrilateral?

A 12 cm

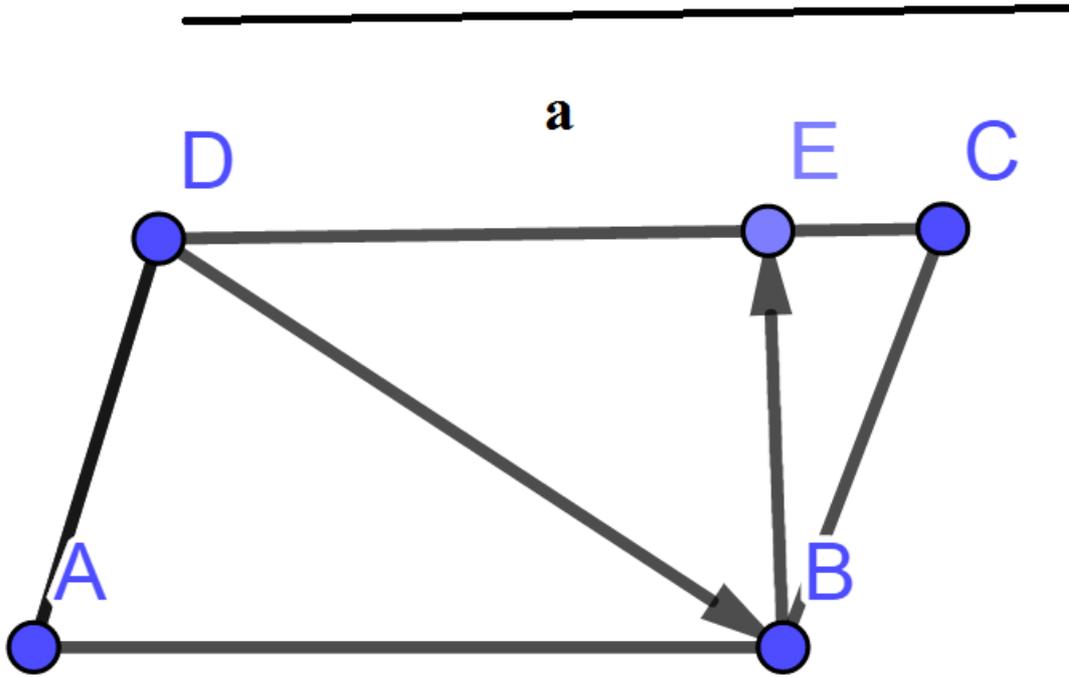
B 14 cm

C 16 cm

D 15 cm

**Answer: D**

**Explanation:**



Given that  $10\sqrt{3}$  cm

We know the area of equilateral triangle =  $\frac{\sqrt{3}}{4} a^2$  ..... Eq (1)

and on the  $\triangle DCB$  is also given =  $\frac{1}{2} \times a \times h$  ..... Eq (2)

then Eq(1) = Eq (2)

$$\frac{\sqrt{3}}{4} a^2 = \frac{1}{2} \times a \times h$$

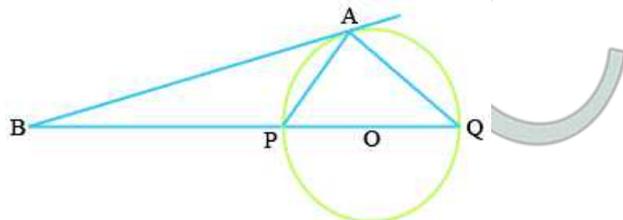
$$\Rightarrow h = \frac{\sqrt{3}}{2} a$$

$$\Rightarrow h = \frac{\sqrt{3}}{2} \times 10\sqrt{3}$$

$$\Rightarrow h = 15 \text{ cm Ans}$$

### Question 113

The tangent at a point A on a circle with center O intersects the diameter PQ of the circle, when extended, at point B. If  $\angle BAQ = 105^\circ$ , then  $\angle APQ$  is equal to:



A  $55^\circ$

B  $60^\circ$

C  $65^\circ$

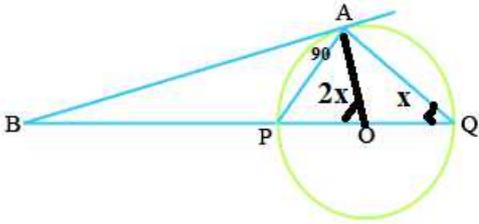
D  $75^\circ$

Answer: D

Explanation:

Let  $\angle AQO = x^\circ$

$\angle AOP = 2x^\circ$



from the above figure BA is tangent

then  $\angle OAB = 90^\circ$

$\angle OAQ = 105^\circ - 90^\circ$

$= 15^\circ$  (Given  $\angle BAQ = 105^\circ$ )

So  $\angle OQA = \angle OAQ = 15^\circ$

then  $\triangle AOP$ ,

$\angle OPA + \angle OAP + 30^\circ = 180^\circ$

$\Rightarrow 2\angle OPA = 180^\circ - 30^\circ = 150^\circ$

$\Rightarrow \angle OPA = \angle APQ = 75^\circ$  Ans

## Daily and Monthly Current Affairs (Download PDF)

### Question 114

The speed of a train is  $2\frac{1}{6}$  times the speed of a car. The car covers 486 km in 9 hours. How much distance will the train cover in 6 hours?

A 612km

B 702km

C 732km

D 712km

Answer: B

Explanation:

As per the given question,

Speed of train  $= 2\frac{1}{6}x = \frac{13}{6}x$

Total distance covered by the car  $(x) = 486\text{km}$

Total time taken by the car to cover the given distance  $(t) = 9\text{hour}$

Hence the speed of the car will be  $= \frac{486}{9}\text{km/hour} = 54\text{km/hour}$

Hence, speed of train will be  $= 54 \times \frac{13}{6} = 117\text{ km/hr}$

Hence, the total distance covered by the train in 6 hour will be  $= 117 \times 6 = 702\text{ km}$

### Question 115

A batsman scores 92 runs in the  $15^{\text{th}}$  inning and thus increases his average by 4. What is his average after the  $15^{\text{th}}$  inning?

A 40

- B 32
- C 35
- D 36

**Answer:** D

**Explanation:**

Let the average after 14<sup>th</sup> inning =  $x$

then total =  $14x$

According to question  $14x + 92 = (x + 4)15$

$$\Rightarrow 14x + 92 = 15x + 60$$

$$\Rightarrow 92 - 60 = 15x - 14x$$

$$\Rightarrow x = 32$$

so average after 15<sup>th</sup> inning  $32 + 4 = 36$  Ans

**Question 116**

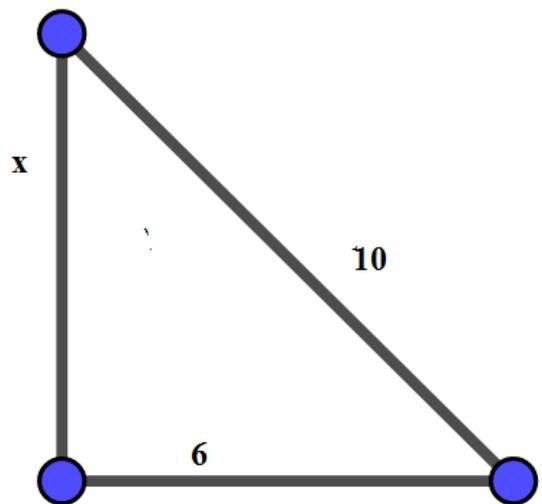
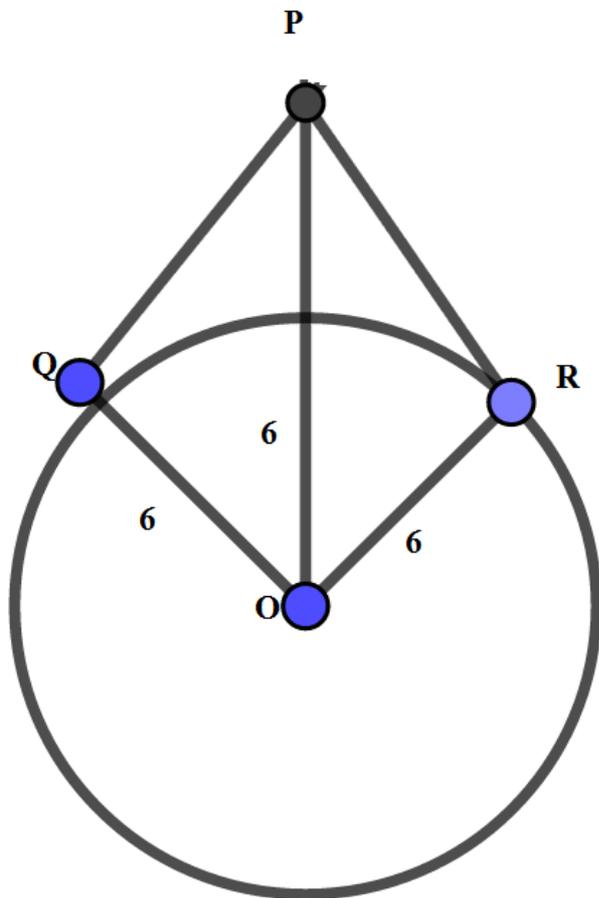
From a point P which is at a distance of 10 cm from the centre O of a circle of radius 6 cm, a pair of tangents PQ and PR to the circle at point Q and respectively, are drawn. Then the area of the quadrilateral PQOR is equal to

- A 30 sq.cm
- B 40 sq.cm
- C 24 sq.cm
- D 48 sq.cm

**Answer:** D

**Explanation:**

From the given question we draw the diagram



From the  $\triangle$

$$x^2 = (10)^2 - (6)^2$$

$$x^2 = 100 - 36$$

$$x^2 = 64$$

$$x = 8$$

then area quadrilateral PQOR =  $2 \times \frac{1}{2} \times 6 \times 8$

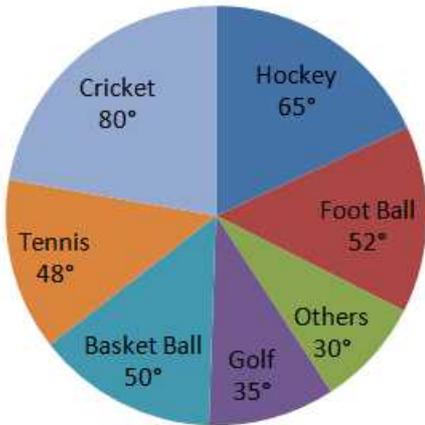
$$= 6 \times 8$$

$$= 48 \text{ cm}^2 \text{ Ans}$$

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Question 117

The pie-chart given here shows the country's expenditure on various sports during a particular year. Study the pie-chart and answer the question given below.



If the total amount spent on sports in the year was ₹1,80,00,000, then the amount spent on tennis is more than the expenditure on golf by:

- A ₹2,40,000
- B ₹4,75,000
- C ₹5,50,000
- D ₹6,50,000

Answer: D

Explanation:

The angle of Tennis =  $48^\circ$

the angle of Golf =  $35^\circ$

difference between Tennis and Golf =  $13^\circ$

total Angle =  $360^\circ = 18000000$

so  $1^\circ = 50000$

then  $13^\circ = 13 \times 50000$

= 650000 Rs Ans

Question 118

The Value of  $\frac{17.35 + \frac{7}{5} \text{ of } 55 - 7}{(42 \div 6 \times 8.35) - \frac{3}{7} \text{ of } \left(\frac{2}{3} - \frac{1}{5}\right) + [291 \div (80 \div 8)]}$  is:

- A 2
- B 4
- C 1
- D 3

Answer: C

Explanation:

$\frac{17.35 + \frac{7}{5} \text{ of } 55 - 7}{(42 \div 6 \times 8.35) - \frac{3}{7} \text{ of } \left(\frac{2}{3} - \frac{1}{5}\right) + [291 \div (80 \div 8)]}$

$\rightarrow \frac{17.35 + 77 - 7}{(7 \times 8.35) - \frac{3}{7} \text{ of } \frac{10-3}{15} + 291 \div 10}$

$$\rightarrow \frac{17.35 + 77 - 7}{(58.45) - \frac{3}{7} \times \frac{7}{15} + 29.1}$$

$$\rightarrow \frac{94.35 - 7}{(58.45) + 29.1 - \frac{1}{5}}$$

$$\rightarrow \frac{87.35}{87.55 - 0.2}$$

$$\rightarrow \frac{87.35}{87.35}$$

$\rightarrow$  1 Ans

#### Question 119

If  $a - b = 5$  and  $a^2 + b^2 = 45$ , then the value of  $ab$  is:

A 25

B 10

C 15

D 20

Answer: B

#### Explanation:

Given that  $a - b = 5$  and  $a^2 + b^2 = 45$  then  $ab = ?$

we know that  $(a - b)^2 = a^2 + b^2 - 2ab$

putting the value of  $a - b$  and  $a^2 + b^2$

$$\text{so } (5)^2 = 45 - 2ab$$

$$\rightarrow 25 = 45 - 2ab$$

$$\rightarrow 2ab = 20$$

$$\rightarrow ab = 10 \text{ Ans}$$

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#### Question 120

The salaries of Raju and Peter are in the ratio 3 : 5. If the salary of each is increased by ₹2,500, then the new ratio is 11 : 15. What is Peter's salary?

A ₹3,500

B ₹2,500

C ₹4,000

D ₹5,000

Answer: D

#### Explanation:

Given that the ratio of Raju and Peter = 3 : 5

let proportionality constant be  $x$

So, Raju will get =  $3x$

And Peter will get =  $5x$

Now,

$$\frac{3x + 2500}{5x + 2500} = \frac{11}{15} \text{ (according to question, increased salary)}$$

$$(3x + 2500) \times 15 = (5x + 2500) \times 11$$

$$\rightarrow 45x + 37500 = 55x + 27500$$

$$\rightarrow 10x = 10000$$

$$\rightarrow x = 1000$$

Hence, peter's salary will be =  $5x = 5 \times 1000$

peter salaries = 5000 Ans

**Question 121**

If the perimeter of an isosceles right triangle is  $(16\sqrt{2} + 16)$  cm, then the area of the triangle is:

A 76 sq.cm

B 64 sq.cm

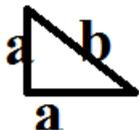
C 58 sq.cm

D 66 sq.cm

**Answer: B**

**Explanation:**

The perimeter of an isosceles right triangle is given below



from the above using Pythagoras theorem

$$b^2 = a^2 + a^2$$

$$\rightarrow b^2 = 2a^2$$

$$\rightarrow b = \sqrt{2} a$$

sum of all sides =  $2a + b$

$$\rightarrow 2a + \sqrt{2} a \text{ (put the value)}$$

$$\rightarrow a(2 + \sqrt{2})$$

then from the question

$$a(2 + \sqrt{2}) = 16\sqrt{2} + 16$$

$$\rightarrow a\sqrt{2}(\sqrt{2} + 1) = 16(\sqrt{2} + 1)$$

$$\rightarrow a = \frac{16}{\sqrt{2}}$$

then area of isosceles triangle =  $\frac{1}{2} \text{Base} \times \text{height}$

$$\rightarrow \frac{1}{2} a \times a$$

$$\rightarrow \frac{1}{2} \left(\frac{16}{\sqrt{2}}\right)^2$$

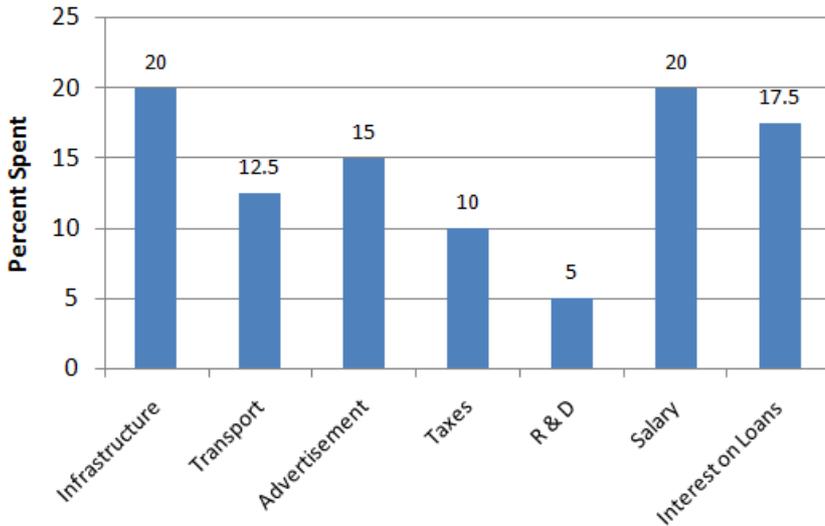
$$\rightarrow \frac{1}{2} \frac{16 \times 16}{2}$$

$$\rightarrow 64 \text{ cm}^2 \text{ Ans}$$

Question 122

Study the graph and answer the question.

Percentage Distribution of Total Expenditure of a Company in 2012.



If the total amount of expenditure of the company is  $x$  times the expenditure on transport, then the value of  $x$  is:

- A 6
- B 8
- C 12
- D 5

Answer: B

Explanation:

Total expenditure = 100%

total expenditure in transport is = 12.5%

so  $12.5 \times x = 100$  (according to question)

$\Rightarrow x = 8$  Ans

## SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 123

There is a 15% discount on 8 shirts marked at ₹9,600. How many shirts can be bought with ₹5,100?

- A 4
- B 5
- C 3
- D 6

Answer: B

Explanation:

The selling price of 8 shirts =  $9600 \left(1 - \frac{15}{100}\right)$  Rs

$\Rightarrow 9600 \times \frac{85}{100} = 8160$  Rs

$\Rightarrow 8160$  Rs = 8 shirts

then  $5100 \text{ Rs} = \frac{8 \times 5100}{8160} = 5 \text{ shirts}$  Ans  $\$$ .

#### Question 124

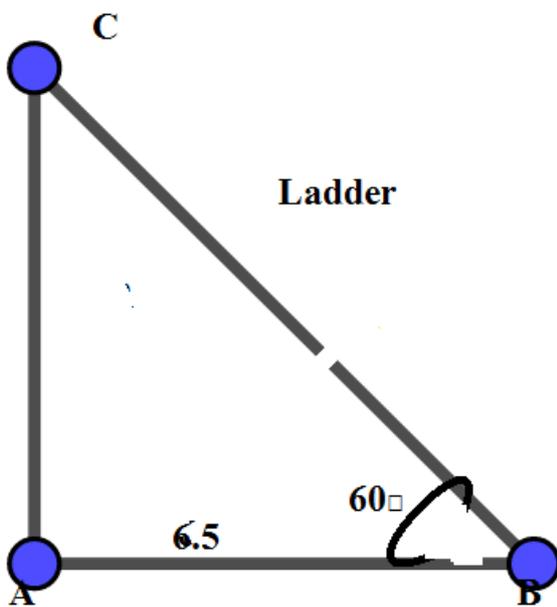
The angle of elevation of a ladder leaning against a wall is  $60^\circ$  and the foot of the ladder is 6.5 m away from the wall. The length of the ladder is:

- A  $6.5 \sqrt{3}$  m
- B  $13 \sqrt{3}$  m
- C 12 m
- D 13 m

Answer: D

#### Explanation:

from the above question we draw the diagram



Let Length ladder = AC

then from the  $\triangle ABC$ ,

$$\cos 60^\circ = \frac{AB}{AC}$$

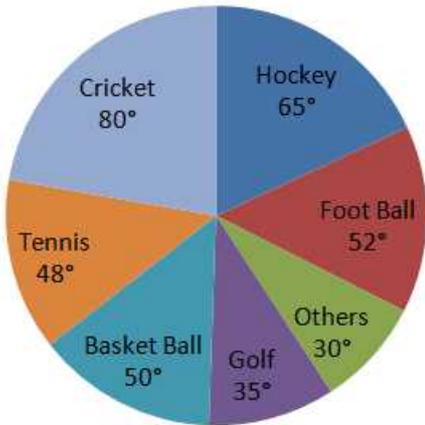
$$\Rightarrow \frac{1}{2} = \frac{6.5}{AC}$$

$$\Rightarrow AC = 13 \text{ m}$$

therefore The length of the ladder = 13 Ans

Question 125

The pie-chart given here shows the country's expenditure on various sports during a particular year. Study the pie-chart and answer the question given below.



The expenditure on hockey is what percent more than that of basketball?

- A 40%
- B 25%
- C 30%
- D 35%

Answer: C

Explanation:

angle The expenditure on hockey =  $65^\circ$

angle The expenditure on basketball =  $50^\circ$

angle The expenditure on hockey is more than  $15^\circ$  than of basketball

percentage of expenditure on hockey more than that of basketball =  $\frac{15 \times 100}{50}$

$\rightarrow 30\%$

## SSC CHSL Free Mock Test (Latest Pattern)

Question 126

Two pipes A and B can fill a tank in 18 minutes and 24 minutes respectively. If both the pipes are opened simultaneously, then after how much time should pipe B be closed so that the tank is full in 12 minutes?

- A 6 minutes
- B 9 minutes
- C 8 minutes
- D 5 minutes

Answer: C

Explanation:

tank filled by A in one min =  $\frac{1}{18}$

tank filled by B in one min =  $\frac{1}{24}$

let they are opened together for t minutes.

because total time is 12min

so time taken by A alone when B is closed  $= (12-t)$  min

tank filled by A and B in  $t$  min  $= \frac{t}{18} + \frac{t}{24}$

tank filled by A and B in  $t$  min + by A in  $(12-t)$  minutes = full tank

$$\frac{t}{18} + \frac{t}{24} + \frac{12-t}{18} = 1$$

$$\frac{t}{18} + \frac{t}{24} + \frac{12}{18} - \frac{t}{18} = 1$$

$$\frac{t}{24} = 1 - \frac{12}{18}$$

$$t \left( \frac{1}{24} \right) = \frac{6}{18}$$

$$\frac{t}{24} = \frac{1}{3}$$

$$t = \frac{1}{3} \times 24$$

$$t = 8 \text{ min}$$

#### Question 127

If  $x^4 + x^{-4} = 2599$ , then one of the values of  $x - x^{-1}$ , where  $x > 0$ , is equal to:

A 9

B 7

C 5

D 8

Answer: B

#### Explanation:

Given,

$$x^4 + x^{-4} = 2599$$

it can be written as

$$x^4 + \frac{1}{x^4} = 2599$$

adding 2 both sides

$$x^4 + \frac{1}{x^4} + 2 = 2599 + 2$$

or

$$x^4 + \frac{1}{x^4} + 2 \times x^2 \times \left( \frac{1}{x^2} \right) = 2601$$

$$(x^2 + \frac{1}{x^2})^2 = 2601$$

$$x^2 + \frac{1}{x^2} = \sqrt{2601}$$

$$x^2 + \frac{1}{x^2} = 51$$

now subtracting 2 both sides

$$x^2 + \frac{1}{x^2} - 2 = 51 - 2$$

or

$$x^2 + \frac{1}{x^2} - 2 \times x \times \left( \frac{1}{x} \right) = 49$$

$$(x - \frac{1}{x})^2 = 49$$

$$x - \frac{1}{x} = \sqrt{49}$$

$$x - \frac{1}{x} = 7$$

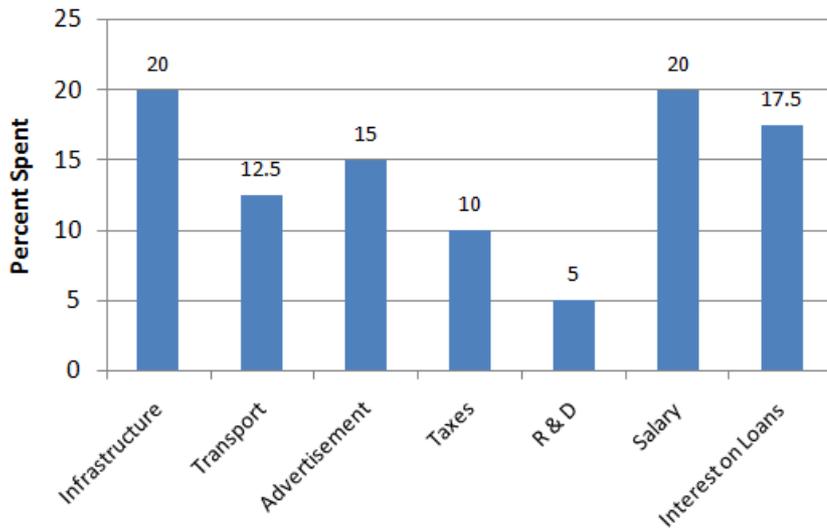
or

$$x - x^{-1} = 7$$

Question 128

Study the graph and answer the question.

Percentage Distribution of Total Expenditure of a Company in 2012.



What is the ratio of the total expenditure on salary and interest on loans to the total expenditure on infrastructure and transport?

- A 15 : 13
- B 15 : 11
- C 14 : 11
- D 13 : 12

Answer: A

**Explanation:**

let value of one scale is x

total expenditure on salary =  $20x$

total interest on loans =  $17.5x$

total expenditure on salary and interest on loans =  $20x + 17.5x = 37.5x$

total expenditure on infrastructure =  $20x$

total expenditure on transport =  $12.5x$

total expenditure on infrastructure and transport =  $20x + 12.5x = 32.5x$

required ratio =  $37.5x : 32.5x$

= 15 : 13

**Free SSC Study Material (18,000 Solved Questions)**

Question 129

The HCF and LCM of two numbers are 8 and 48 respectively. If the ratio of the two numbers is 2 : 3, then the larger of the two numbers is:

- A 24
- B 18
- C 48
- D 16

Answer: A

**Explanation:**

Given that, H C F = 8 and LC M = 48

let numbers are  $2a$  and  $3a$  Where "  $a$  " is a common factor

so we use HCF and LCM formula,

$$HCF \times LCM = 2a \times 3a$$

$$\Rightarrow 8 \times 48 = 6a^2$$

$$\Rightarrow a^2 = \frac{8 \times 48}{6}$$

$$\Rightarrow a^2 = 64$$

$$\Rightarrow a = 8$$

then the largest number =  $3a = 3 \times 8 = 24$  Ans

**Question 130**

A shopkeeper has announced 40% rebate on the price of TV sets at the time of sale. If a purchaser needs to have a rebate of ₹26,400, then how many TV sets each costing ₹6,000 should he purchase?

- A 9
- B 11
- C 8
- D 12

Answer: B

**Explanation:**

M.P. of 1 TV = 6000rs

rebate on 1 TV = 40% of 6000 = 2400rs

let he purchases  $x$  no of tv's

rebate on  $x$  tv's = 26400

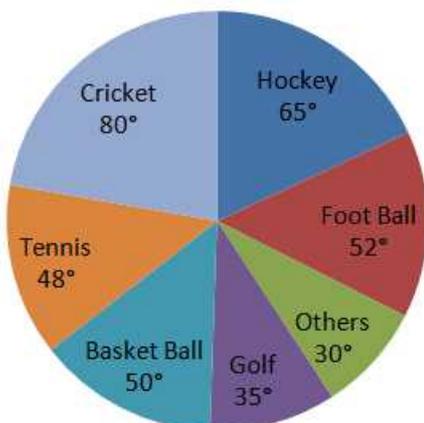
$$x \times 2400 = 26400$$

$$x = \frac{26400}{2400}$$

$$x = 11$$

**Question 131**

The pie-chart given here shows the country's expenditure on various sports during a particular year. Study the pie-chart and answer the question given below.



If the total amount spent on sports in the year was ₹2,40,00,000, then the amount spent on cricket and football together was:

- A ₹86,00,000
- B ₹88,00,000
- C ₹78,00,000
- D ₹44,00,000

**Answer: B**

**Explanation:**

total expenditure=24000000'

$$\text{value of } 1^\circ = \frac{24000000}{360}$$

$$\rightarrow = \frac{200000}{3}$$

$$\text{amount spent on cricket} = \frac{200000}{3} \times 80$$

$$\text{amount spent on football} = \frac{200000}{3} \times 52$$

$$\text{amount spent on cricket and football together} = \frac{200000}{3} \times 80 + \frac{200000}{3} \times 52$$

$$\rightarrow = \frac{200000}{3} (80+52)$$

$$\rightarrow = \frac{200000}{3} \times 132$$

$$\rightarrow = 200000 \times 44$$

$$\rightarrow = 8800000$$

## SSC CPO Free Mock Test (Latest Pattern)

**Question 132**

A circular wire of diameter 77 cm is bent in the form of a rectangle whose length is 142% of its breadth. What is the area of the rectangle? (Take  $\pi = \frac{22}{7}$ )

- A 3520 sq.cm
- B 3450 sq.cm
- C 3550 sq.cm
- D 3620 sq.cm

**Answer: C**

**Explanation:**

let breadth of rectangle be b cm.

Then, length=142%of b= $\frac{142b}{100}$

diameter of circle= 77cm,

radius of circle, $r = \frac{77}{2}$  cm.

perimeter of rectangle = circumference of circle

$$\rightarrow 2(\text{length} + \text{breadth}) = 2\pi r$$

$$\rightarrow 2\left(\frac{142b}{100} + b\right) = 2 \times \frac{22}{7} \times \frac{77}{2}$$

$$\rightarrow 2 \times \frac{100b + 142b}{100} = 11 \times 22$$

$$\rightarrow \frac{242b}{100} = \frac{242}{2}$$

$$\rightarrow 242b = 121 \times 100$$

$$\rightarrow b = \frac{12100}{242}$$

$$\rightarrow b = 50 \text{ cm}$$

$\rightarrow$  area of rectangle = length  $\times$  breadth

$\rightarrow$  area of rectangle =  $\frac{142b}{100} \times b$

$\rightarrow$  area of rectangle =  $\frac{142 \times 50}{100} \times 50$

$\rightarrow$  area of rectangle =  $3550 \text{ cm}^2$

**Question 133**

A cuboidal tank has 25000 litres of water. If the depth of the cuboid is  $\frac{1}{5}$  of its length and breadth is  $\frac{1}{8}$  of its length, then the length of the tank is:

- A 12 m
- B 10 m
- C 15 m
- D 18 m

**Answer:** B

**Explanation:**

volume(capacity) of tank = 25000 litres =  $25 \text{ m}^3$

let length of tank be  $l$  metre.

according to que,

width of tank,  $b = \frac{l}{8}$  m

depth of tank,  $h = \frac{l}{5}$  m

volume =  $lbh$ ,

$lbh = 25 \text{ m}^3$

$l \times \frac{l}{8} \times \frac{l}{5} = 25$

$l^3 \times \frac{1}{40} = 25$

$l^3 = 25 \times 40$

$l^3 = 1000$

$l = 10 \text{ m}$

**Question 134**

A tank is filled in 4 hours by three pipes A, B and C. The pipe C is twice as fast as B and pipe B is thrice as fast as A. How much time will pipe A alone take to fill the tank?

- A 25 hours
- B 40 hours
- C 30 hours
- D 32 hours

**Answer:** B

**Explanation:**

let A takes  $6x$  hours to fill the tank.

B takes  $2x$  hours.

C takes  $x$  hours.

tank filled by three taps in 1 hour  $= \frac{1}{x} + \frac{1}{2x} + \frac{1}{6x}$

tank filled by three taps in 4 hour  $= 4 \left( \frac{1}{x} + \frac{1}{2x} + \frac{1}{6x} \right)$

according to problem,

$$\frac{1}{x} + \frac{1}{2x} + \frac{1}{6x} = 1$$

$$4\left(\frac{6+3+1}{6x}\right) = 1$$

$$4\left(\frac{10}{6x}\right) = 1$$

$$6x = 40$$

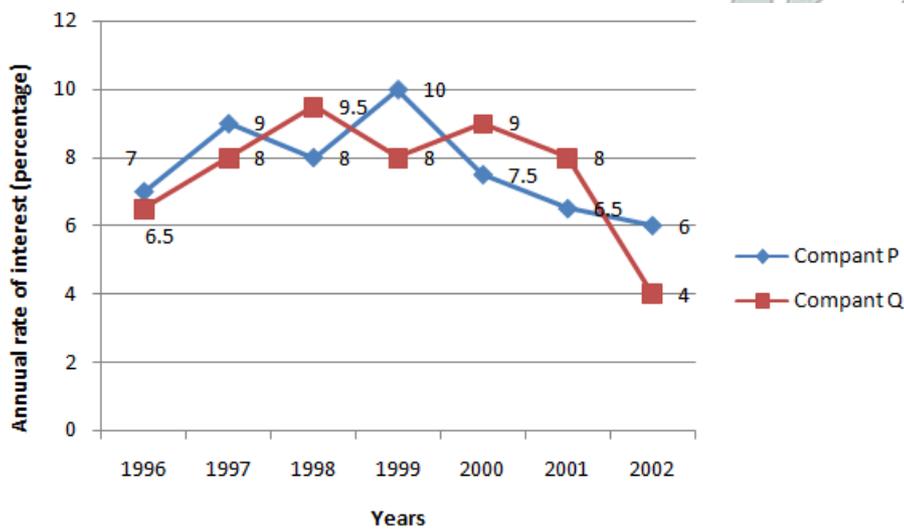
time taken by tap A =  $6x = 40$  hours

## SSC CPO Previous Papers

### Question 135

Two different finance companies declare a fixed annual rate of interest on the amount invested by investors with them. The interest rate declared by these companies can vary from year to year depending on the variation in the country's economy and the interest rate of the banks. The annual rate of interest offered by the two companies P and Q is shown in the graph below. Study the graph and answer the question.

Annual percentage rate of interest offered by two finance companies P and Q over the years.



If two sums in the ratio 9 : 10 are invested in companies P and Q respectively in 1999, then what is the ratio of the simple interests received from companies P and Q respectively after one year?

- A 7 : 8
- B 8 : 9
- C 9 : 8
- D 8 : 7

Answer: C

Explanation:

From the given D I ratio = 9 : 10

For companies P in 1999 =  $\frac{9x \times 10 \times 1}{100}$

for companies Q in 1999 =  $\frac{10x \times 8 \times 1}{100}$

then the ratios  $\frac{\frac{9x \times 10 \times 1}{100}}{\frac{10x \times 8 \times 1}{100}}$

$\Rightarrow 9 : 8$  Ans

### Question 136

A single equivalent discount equivalent to three successive discounts of 10% , 16% and 25% is equal to:

- A 42%
- B 46.5%
- C 41%
- D 43.3%

**Answer: D**

**Explanation:**

Two successive discount formula =  $x - y + \frac{xy}{100}$

we used first two successive discount =  $-10 - 16 + \frac{10 \times 16}{100}$

$\Rightarrow -26 + 1.6 = 24.4$

then again take two successive discount =  $-24.4 - 25 + \frac{24.4 \times 25}{100}$

$\Rightarrow -49.4 + 4.88 = 43.3$  Ans

**Question 137**

**A rectangular sheet of paper which is 88 cm long and 11 cm wide is rolled to form a cylinder of height equal to its width of the paper. What is the volume of the cylinder so formed?**

- A  $7676 \text{ cm}^3$
- B  $6776 \text{ cm}^3$
- C  $6546 \text{ cm}^3$
- D  $6786 \text{ cm}^3$

**Answer: B**

**Explanation:**

length of paper,  $h = 88 \text{ cm}$

width of paper,  $b = 11 \text{ cm}$

height of cylinder,  $H = \text{width of paper} = 11 \text{ cm}$ .

let radius of base of cylinder be  $r \text{ cm}$ .

circumference of base of cylinder = height of paper =  $88 \text{ cm}$ .

$\Rightarrow 2\pi r = 88$

$\Rightarrow 2 \times \frac{22}{7} \times r = 88$

$\Rightarrow r = \frac{88 \times 7}{44}$

$\Rightarrow r = 14 \text{ cm}$

volume of cylinder  $V = \pi r^2 h$

$\Rightarrow V = \frac{22}{7} \times 14^2 \times 11$

$\Rightarrow V = 6776 \text{ cm}^3$

**1500 + Free Must Solved SSC Questions (With Solutions)**

**Question 138**

The value of  $\frac{56 + \frac{2}{3} \text{ of } 27 - 8}{15 - \frac{3}{5} \text{ of } (29 - 14)}$  is:

- A 12
- B 10

C 15

D 11

Answer: D

Explanation:

according to bodmass

$$\frac{56 + \frac{2}{3} \times 27 - 8}{15 - \frac{3}{5} \times (29 - 14)}$$

$$\frac{56 + \frac{2}{3} \times 27 - 8}{15 - \frac{3}{5} \times 15}$$

$$\frac{56 + 18 - 8}{15 - 9}$$

$$\frac{74 - 8}{15 - 9}$$

$$\frac{66}{6}$$

$$11$$

Question 139

Twelve solid hemispheres of the same size are melted and recast into a right circular cylinder of diameter 7 cm and height 28 cm. What is the radius of the hemispheres?

A 4.5 cm

B 3.5 cm

C 3 cm

D 3.8 cm

Answer: B

Explanation:

let radius of hemisphere be r cm.

$$\text{volume of 1 hemisphere} = \frac{2}{3}\pi r^3$$

$$\text{volume of 12 hemisphere} = 12 \times \frac{2}{3}\pi r^3$$

diameter of cylinder = 7 cm

radius of cylinder, R = 3.5 cm

height of cylinder, H = 28 cm

volume of 12 hemisphere = volume of cylinder

$$12 \times \frac{2}{3}\pi r^3 = \pi R^2 h$$

$$8r^3 = (3.5)^2 \times 28$$

$$r^3 = \frac{(3.5 \times 3.5 \times 28)}{8}$$

$$r^3 = 3.5 \times 3.5 \times 3.5$$

$$r = 3.5 \text{ cm}$$

Question 140

The diameter of a cycle wheel is 126 cm. A cyclist takes  $16\frac{1}{2}$  minutes to reach the destination at a speed of 72 km/hr. How many revolutions will the wheel make during the journey? (Take  $\pi = \frac{22}{7}$ )

A 5000

B 5200

C 4000

D 4500

Answer: A

Explanation:

speed = 72 km/hr = 20 m/s.

time =  $\frac{1}{2}$  minutes = 90 seconds.

Diameter  $d$  of wheel = 126 cm.

radius,  $r = \frac{d}{2}$

$\rightarrow r = 63$  cm

distance covered by wheel in one revolution = circumference of wheel

$\rightarrow 2\pi r$

$\rightarrow 2 \times \frac{22}{7} \times 63$

$\rightarrow 396$  cm

$\rightarrow 3.96$  m

let it takes  $x$  rev in 990 seconds.

distance covered  $\times$   $x$  revolutions = speed  $\times$  time

$\rightarrow 3.96x = 20 \times 990$

$\rightarrow x = \frac{20 \times 990}{3.96}$

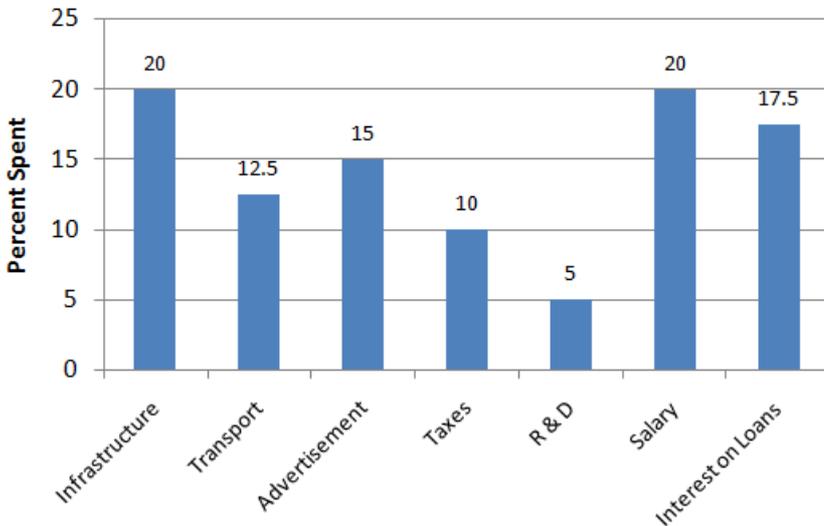
$\rightarrow x = 5000$

## SSC CGL Free Mock Test (Latest Pattern)

Question 141

Study the graph and answer the question.

Percentage Distribution of Total Expenditure of a Company in 2012.



If the expenditure on salary is ₹2.8 crores, then the difference between the expenditure (in ₹) on advertisements and taxes is?

A 70 lakhs

B 60 lakhs

C 30 lakhs

D 75 lakhs

Answer: A

**Explanation:**

since mark of salary expenditure is 20.

given, expenditure on salary is 2.8 crore i.e. 280 lakhs.

hence value of 20 mark is 280 lakhs.

value of 1 mark is 14 lakhs.

Now, expenditure on advertisements  $= 15 \times 14$  lakhs

$$\rightarrow = 210 \text{ lakhs}$$

Now, expenditure on taxes  $= 10 \times 14$  lakhs

$$\rightarrow = 140 \text{ lakhs}$$

The difference between the expenditure (in ₹) on advertisements and taxes  $= 210 - 140$  lakhs

$$\rightarrow = 70 \text{ lakhs}$$

**Question 142**

If  $\sin \theta - \cos \theta = 0$ ,  $0^\circ < \theta < 90^\circ$ , then the value of  $\sin^4 \theta + \cos^4 \theta$  is:

A  $\frac{1}{3}$

B 1

C  $\frac{1}{2}$

D  $\frac{1}{4}$

**Answer: C**

**Explanation:**

Given,

$$\sin \theta - \cos \theta = 0$$

$$\sin \theta = \cos \theta$$

$$\sin \theta = \sin(90 - \theta)$$

$$\theta = 90 - \theta$$

$$\theta + \theta = 90$$

$$2\theta = 90$$

$$\theta = 45$$

$$\sin^4 \theta + \cos^4 \theta$$

$$\sin^4(45) + \cos^4(45)$$

$$\left(\frac{1}{\sqrt{2}}\right)^4 + \left(\frac{1}{\sqrt{2}}\right)^4$$

$$\frac{1}{4} + \frac{1}{4}$$

$$\frac{1}{2}$$

**Question 143**

What is the sum of the greatest three digit number and the smallest four digit number such that their HCF is 23?

A 2001

B 2002

C 1984

D 1998

**Answer: A**

**Explanation:**

Greatest Three-digit number divisible by 23

then number =  $23 \times 43 = 989$

Smallest four-digit number divisible by 23

then number =  $23 \times 44 = 1012$

so total =  $989 + 1012$

= 2001Ans

## SSC CGL Previous Papers (DOWNLOAD PDF)

**Question 144**

If  $\sqrt{0.00576 \times y} = 2.4$ , then y is equal to:

A 3600

B 1200

C 1000

D 2400

**Answer: C**

**Explanation:**

Given,

$$\sqrt{0.00576y} = 2.4$$

on squaring both sides,

$$0.00576y = (2.4)^2$$

$$0.00576y = 5.76$$

$$y = \frac{5.76}{0.00576}$$

$$y = 1000$$

**Question 145**

Two times of A's salary is five times of B's salary and four times of B's salary is twice C's salary. What is A's salary if C's salary is ₹1,600?

A ₹2,000

B ₹2,500

C ₹2,600

D ₹3,000

**Answer: A**

**Explanation:**

let A's salary be a and B's salary be b.

Given C's salary c = 1600.

according to problem,

$$4b = 2c$$

$$\Rightarrow b = \frac{c}{2}$$

$$\Rightarrow b = \frac{1600}{2}$$

$$\Rightarrow b = 800$$

again,

$$2a = 5b$$

$$\Rightarrow a = \frac{5b}{2}$$

$$\Rightarrow a = \frac{5 \times 800}{2}$$

$$\Rightarrow a = 2000$$

#### Question 146

Vaibhav can do a piece of work in 60 days. He works there for 15 days and then Sandeep alone finishes the remaining work in 30 days. In how many days will Vaibhav and Sandeep working together finish the work?

A 20 days

B 24 days

C 18 days

D 22 days

Answer: B

#### Explanation:

$$\text{Vaibhav efficiency} = \frac{1}{60}$$

then according to question  $\frac{15}{60} + \frac{30}{S} = 1$  (where S is sandeep work )

$$\Rightarrow \frac{30}{S} = 1 - \frac{1}{4}$$

$$\Rightarrow \frac{30}{S} = \frac{3}{4}$$

$$\Rightarrow S = \frac{3}{4} \times 30$$

$$\Rightarrow S = 40 \text{ days}$$

so sandeep finish work in 40 days when they work together then

$$\frac{1}{S} + \frac{1}{V} = \frac{1}{40} + \frac{1}{60} \text{ where V is vaibhav work}$$

$$\Rightarrow \frac{6 + 4}{240}$$

$$\Rightarrow \frac{10}{240}$$

$$\Rightarrow \frac{1}{24} \text{ (its efficiency both V + S)}$$

then vaibhav and sandeep work finish = 24 days Ans

## Daily Free SSC Practice Set

#### Question 147

If  $\sqrt{2} \sin(60^\circ - \alpha) = 1$ ,  $0^\circ < \alpha < 90^\circ$ , then  $\alpha$  is equal to:

A  $45^\circ$

B  $30^\circ$

C  $15^\circ$

D  $60^\circ$

Answer: C

#### Explanation:

As per the given question,

$$\sin(60^\circ - \alpha) = \frac{1}{\sqrt{2}} \text{ and } 0^\circ < \alpha < 90^\circ$$

$$\Rightarrow \sin(60^\circ - \alpha) = \frac{1}{\sqrt{2}}$$

$$\Rightarrow \sin(60^\circ - \alpha) = \sin(45^\circ) \text{ ( put the value )}$$

Taking the inverse of both side with  $\sin$

$$\Rightarrow (60^\circ - \alpha) = 45^\circ$$

$$\Rightarrow \alpha = 60^\circ - 45^\circ$$

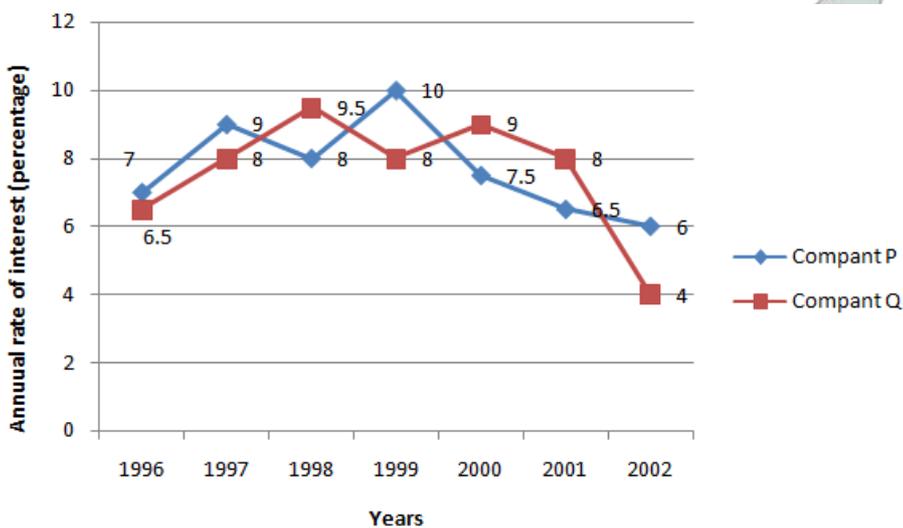
$$\alpha = 15^\circ \text{ Ans}$$

#### Question 148

Two different finance companies declare a fixed annual rate of interest on the amount invested by investors with them. The interest rate declared by these companies can vary from year to year depending on the variation in the country's economy and the interest rate of the banks. The annual rate of interest offered by the two companies P and Q is shown in the graph below.

Study the graph and answer the question.

Annual percentage rate of interest offered by two finance companies P and Q over the years.



An investor invested a sum of ₹4 lakhs in company in the year 2000. After one year, the entire amount was transferred to company P in 2001 as an investment for one year. What amount will the investor receive from company P?

- A ₹4,54,420
- B ₹4,64,340
- C ₹4,64,430
- D ₹4,56,320

Answer: B

#### Explanation:

Given that principle amount = 400000

in the year 2000 Rate of interest = 9%

we know that Simple interest (SI) =  $\frac{PRT}{100} = \frac{400000 \times 9 \times 1}{100}$

$$\Rightarrow 36000$$

$$\text{total amount } 400000 + 36000 = 436000$$

According to question principle amount for 2001 in company P

$$\text{Simple interest} = \frac{436000 \times 1 \times 6.5}{100}$$

$$\Rightarrow 436 \times 65$$

$$\Rightarrow 28340$$

Total amount =  $436000 + 28340 = 464340$  Ans

**Question 149**

If  $a + b + c = 9$  and  $ab + bc + ca = 18$ , then the value of  $a^3 + b^3 + c^3 - 3abc$  is:

- A 243
- B 254
- C 234
- D 244

**Answer: A**

**Explanation:**

Given that in the question,  $a+b+c = 9$  and  $ab + bc + ca = 18$

then the value  $a^3 + b^3 - 3abc = ?$  (solve that given expression)

$$a^3 + b^3 - 3abc$$

$$\rightarrow (a+b+c) (a^2 + b^2 + c^2 - ab - bc - ca)$$

$$\rightarrow 9 (a^2 + b^2 + c^2 - 18)$$

$$\rightarrow 9 [ (a+b+c)^2 - 2(ab+bc+ca) - 18 ]$$

$$\rightarrow 9 [ (9)^2 - 2(18) - 18 ]$$

$$\rightarrow 9 [ 81 - 36 - 18 ]$$

$$\rightarrow 9 [ 81 - 54 ]$$

$$\rightarrow 9 \times 27$$

$$\rightarrow 243 \text{ Ans}$$

**General Science Notes (Download PDF)**

**Question 150**

2000 employees are assigned to complete a project. At the end of the first year, 15% of the number of employees are decreased and at the end of the second year again 10% of the number of employees are decreased. However, to complete the project in time, the number of employees are increased by 10% at the end of the third year. What was the number of employees working during the fourth year?

- A 1786
- B 1685
- C 1683
- D 1783

**Answer: C**

**Explanation:**

Total Employees = 2000 at the end of the first year 15% decreased

$$\text{so total employees at the end of the first year} = 2000 - 2000 \times \frac{15}{100}$$

$$\rightarrow 2000 - 300 = 1700$$

$$\text{At the end of the second year 10\% of decreased total employee} = 1700 - 1700 \times \frac{10}{100}$$

$$\rightarrow 1530$$

the number of employed increased by 10% at the end of the third year so the total number of employees work during fourth year

$\rightarrow 1530 + 1530 \times \frac{10}{100}$

$\rightarrow 1530 + 153 = 1683$  Ans

## SSC Stenographer Previous Papers (DOWNLOAD PDF)

### English Comprehension

#### Instructions

For the following questions answer them individually

#### Question 151

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Raman's discovery, made during the voyaging over the Mediterranean sea, that water molecules could scatter light just like air molecules, was very radical in those days.

- A during the voyage above
- B No improvement
- C while an voyage across
- D during a voyage across

Answer: D

## SSC Stenographer Previous Papers (Latest Pattern)

#### Instructions

Read the given passage and answer the questions that follow:

#### Comprehension:

For years, a long-lost chapter of what is said to be the world's first known novel has been quietly tucked away in a chest in a Japanese storeroom, hiding alongside other heirlooms of a Japanese family with feudal lineage. Experts confirmed that the blue-bound text is a chapter of the 11th Century Japanese classic 'Genji Monogatari' or 'The Tale of Genji'. Written by Japanese noblewoman Murasaki Shikibu, the novel depicts the romantic epic of Prince Genji and his love interest Murasaki-no-ue. The recently found chapter contains an important part of the novel in which the 18-year old prince meets Murasaki-no-ue, according to the Japan Times. The original 54-chapter text no longer exists. Transcriptions by Fujiwara no Teika (1162-1241), a Japanese poet, are believed to be the earliest existing manuscripts. In addition to the most recently discovered chapter, four other confirmed chapters of her transcription are registered as national cultural properties.

Reizeike Shiguretei Bunko, a cultural preservation foundation, has authenticated the text as a chapter of Teika's transcriptions.

In February, 72-year-old Motofuyu Okochi found the little book in his family home in Tokyo and reached out to the foundation to have it authenticated.

Okochi's lineage stretches back to the feudal era of Japan when, in 1743, the manuscript was passed to the Okochi family from another family, according to Asahi Shimbun. The experts who examined the found chapter were able to confirm that the text is one of Teika's transcriptions in a few ways.

Not only did the handwriting match that of the other found chapters, but the cover of the binding matches the blue of the other texts. The small slip of paper that Teika used to identify the front of the book also matches the slips used on the other chapters.

#### Question 152

Which of the following is NOT true according to the passage?

- A The home where the book was kept safely belonged to a feudal family.

- B The Japanese novel is important because it is believed to be the oldest known novel.
- C The original manuscript written by Murasaki-no-ue was bound in blue.
- D The man who found the chapter decided to hand it over to the cultural foundation.

**Answer: C**

**Question 153**

**How many chapters of the novel have been listed as cultural properties?**

- A Eighteen
- B Five
- C Fifty-four
- D Eleven

**Answer: B**

**Question 154**

**Who was the author of the novel?**

- A Rezeike Shiguretei Bunko
- B Murasaki Shikibu
- C Fujiwara no Teika
- D Motofuyu Okochi

**Answer: B**

**SSC CGL Tier-2 Previous Papers PDF**

**Question 155**

**Where was the chapter discovered?**

- A In a cultural foundation
- B In a family storeroom
- C In a library in Tokyo
- D In a royal palace

**Answer: B**

**Question 156**

**Which of the following was NOT one of the ways for confirming the authenticity of the chapter?**

- A The name of the writer was inscribed on it as also on the earlier chapters.
- B The slip used by the manuscript writer was similar to the slips on other chapters
- C The binding cover was of the same colour

D The handwriting matched that of the other chapters

Answer: A

**Instructions**

For the following questions answer them individually

**Question 157**

In the sentence identify the segment which contains the grammatical error.

They informed the teacher that all of they family members would be going to Visakhapatnam.

A would be going

B all of they family members

C to Visakhapatnam

D They informed the teacher that

Answer: B

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**Question 158**

Select the most appropriate option that can be used as a one-word substitute for the given group of words.

A cup or other decorative object awarded as a prize for a victory or success

A trophy

B gift

C present(n)

D crown

Answer: A

**Question 159**

Select the most appropriate option to fill in the blank.

Educators have \_\_\_\_\_ unique responsibility towards the empowerment of their students.

A some

B a

C an

D few

Answer: B

**Question 160**

Select the most appropriate option to fill in the blanks.

The vibrations from wind instruments \_\_\_\_\_ always positive and good \_\_\_\_\_ your breathing and health.

A was; in

B are; for

C is; in

D were; to

Answer: B

## SSC Study Material

### Question 161

Select the INCORRECTLY spelt word.

A amateur

B audacity

C acheivement

D audience

Answer: C

### Instructions

Some words have been deleted in the given passage. Fill in the blanks with the given alternatives. Select the most appropriate option for each blank.

### Comprehension:

Imagination is not only the uniquely human capacity to envision that which is not, and therefore the foundation of all invention and innovation. In (1)\_\_\_\_\_ arguably most transformative (2)\_\_\_\_\_ revelatory capacity, it is (3)\_\_\_\_\_ power that enables us to (4)\_\_\_\_\_ with humans whose experiences we have (5)\_\_\_\_\_ shared.

### Question 162

Select the most appropriate option to fill in blank number (1).

A his

B their

C its

D our

Answer: C

### Question 163

Select the most appropriate option to fill in blank number (2).

A so

B and

C all

D how

Answer: B

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**Question 164**

Select the most appropriate option to fill in blank number (3).

- A so
- B few
- C the
- D little

**Answer: C**

**Question 165**

Select the most appropriate option to fill in blank number (4).

- A empathise
- B guide
- C discuss
- D assimilate

**Answer: A**

**Question 166**

Select the most appropriate option to fill in blank number (5).

- A sporadically
- B never
- C sooner
- D hopefully

**Answer: B**

**SSC GK Free Tests**

**Instructions**

For the following questions answer them individually

**Question 167**

Select the most appropriate synonym of the given word.

**OPINION**

- A sense
- B view
- C chance
- D wisdom

**Answer: B**

**Question 168**

Select the INCORRECTLY spelt word.

- A hallucination
- B discrimination
- C illumination
- D intimation

**Answer: B**

**Question 169**

Select the most appropriate option that can be used as a one-word substitute for the given group of words.

All the people in a country or area who are entitled to vote in an election

- A inhabitants
- B residents
- C electorate
- D settlers

**Answer: C**

**Current Affairs Question and Answers (Download PDF)**

**Question 170**

Select the most appropriate synonym of the given word.

LOYAL

- A legal
- B routine
- C devoted
- D varied

**Answer: C**

**Question 171**

Select the most appropriate option that can be used as a one-word substitute for the given group of words.

A sea or stretch of water having many islands

- A harbour
- B ocean
- C bay
- D archipelago

**Answer: D**

Question 172

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

The World Health Organisation warned the Government that even many people were likely to die of epidemics than of the tsunami.

- A that so many people are likely
- B No improvement
- C that even most people are going to be likely
- D that more people were likely

Answer: D

## Daily and Monthly Current Affairs (Download PDF)

Question 173

Select the most appropriate option that can be used as a one-word substitute for the given group of words.

A large building or group of buildings used to house soldiers

- A fort
- B dormitory
- C quarters
- D barracks

Answer: D

Question 174

Select the most appropriate ANTONYM of the given word.

DISCARD

- A share
- B distribute
- C waste
- D adopt

Answer: D

Question 175

Select the most appropriate idiom to fill in the blank.

The festival expenses are bound to \_\_\_\_\_ in my pocket.

- A be upfront
- B give a clean chit
- C be out of the blue
- D make a dent

Answer: D

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### Question 176

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select **No improvement**.

I tried to contact my dentist but her cell phone appeared to have been switched off.

- A No improvement
- B appears to had been
- C appeared to been
- D appear to be

Answer: A

### Question 177

Select the most appropriate option that can be used as a one-word substitute for the given group of words.

A list of items to be discussed at a formal meeting

- A programme
- B agenda
- C topics
- D timetable

Answer: B

### Question 178

Select the most appropriate synonym of the given word.

**INCREDIBLE**

- A unwilling
- B unbelievable
- C unnoticed
- D disturbing

Answer: B

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### Question 179

Select the most appropriate option to fill in the blank.

The Chinese leader's formal Chinese suit \_\_\_\_\_ Changpao.

- A is call
- B are called
- C will be called

D is called

Answer: D

**Question 180**

In the sentence identify the segment which contains the grammatical error.  
Vini bought two new dresses but either is suitable for the festival.

- A Vini bought
- B suitable for the festival
- C two new dresses
- D but either is

Answer: D

**Question 181**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Be polite and courteous will greatly improve your chances of making friends at your new office.

- A By being polite and courteous
- B For being polite and courteous
- C No improvement
- D Being polite and courteous

Answer: D

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**Question 182**

Select the most appropriate meaning of the underlined idiom in the sentence.  
The suspect made a clean breast of it during the enquiry.

- A confessed his crime
- B took off his shirt
- C blamed his companion
- D asked for a fresh shirt

Answer: A

**Question 183**

Select the most appropriate synonym of the given word.  
ALOOOF

- A detached
- B rocky
- C steady

D protected

Answer: A

Question 184

Select the most appropriate ANTONYM of the given word.

BLUNT

A lengthy

B sharp

C large

D charred

Answer: B

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Question 185

Select the most appropriate option to fill in the blank.

The first thing they did was to \_\_\_\_\_ the extent of damage done by the rains.

A circulate

B ascertain

C repair

D search

Answer: B

Question 186

Select the INCORRECTLY spelt word.

A miscellaneous

B multifarious

C gregerious

D hilarious

Answer: C

Question 187

In the sentence identify the segment which contains the grammatical error. If the sentence has no error, then select 'No error'.

How many money did Sudhir win in the lottery?

A No error

B in the lottery

C How many money

D did Sudhir win

Answer: C

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### Question 188

Select the most appropriate meaning of the given idiom.  
Come rain or shine

- A when it does not rain
- B in the monsoon
- C whatever happens
- D in bad weather

Answer: C

### Question 189

Select the most appropriate ANTONYM of the given word.  
INNATE

- A basic
- B simple
- C unassuming
- D acquired

Answer: D

### Question 190

Select the most appropriate meaning of the given idiom.  
To be thrown in at the deep end

- A learn to do the difficult things too soon
- B need to do one thing at a time
- C unable to do the given work
- D try to do too many things at the same time

Answer: A

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### Question 191

Select the most appropriate synonym of the given word.  
INTENSIFY

- A eliminate
- B terminate
- C strengthen

D destroy

Answer: C

**Instructions**

Select the most appropriate ANTONYM of the given word.

**Question 192**

**TURBID**

A mixed

B varied

C confused

D clear

Answer: D

**Question 193**

**AWARE**

A ignorant

B resilient

C robust

D impervious

Answer: A

## SSC CPO Previous Papers

**Instructions**

For the following questions answer them individually

**Question 194**

Select the INCORRECTLY spelt word.

A tongue

B vogue

C vague

D argyu

Answer: D

**Question 195**

In the sentence identify the segment which contains the grammatical error. If the sentence has no error, then select 'No error'.  
Whom did you give the packet to?

A did you give

B No error

- C Whom
- D the packet to

Answer: B

**Question 196**

In the sentence identify the segment which contains the grammatical error.  
Her sister lives in Pune, one of the major city in Maharashtra.

- A in Maharashtra
- B Her sister lives
- C one of the major city
- D in Pune

Answer: C

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**Question 197**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

The children has had their dinner but the adults still have to eat.

- A are have their dinner
- B have had their dinner
- C No improvement
- D is having the dinner

Answer: B

**Question 198**

Select the most appropriate meaning of the underlined idiom in the sentence.

"The situation is getting out of hand " the manager said to us.

- A not in control anymore
- B going to be handled soon
- C can be passed on to someone else
- D not growing fast enough

Answer: A

**Question 199**

Select the most appropriate option to fill in the blank.

Unfortunately, the computer has also been responsible for the \_\_\_\_\_ of fraudulent schemes through which many people are deceived by promises of quick wealth.

- A promulgation

- B proliferation
- C proclamation
- D pretension

Answer: B

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Question 200

Select the INCORRECTLY spelt word.

- A fallacious
- B victorious
- C malicious
- D generous

Answer: A

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