



SSC CHSL 10 March 2018 Morning Shift

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature without the permission of cracku.in, application for which shall be made to support@cracku.in

Instructions

For the following questions answer them individually

Question 1

Find the number that is as much greater than 49 as is less than 95.

- A 23
- B 55
- C 72
- D 76

Answer: C

Explanation:

Number that is as much greater than 49 as is less than 95 is the average of both 49 and 95

$$\Rightarrow \text{Average} = \frac{(49+95)}{2}$$

$$= \frac{144}{2} = 72$$

\Rightarrow Ans - (C)

25 SSC CHSL Mocks for just Rs. 149

Question 2

Tanzeem spent $\frac{1}{5}$ of his salary on his friends, $\frac{1}{10}$ of his salary on accommodation and $\frac{1}{4}$ of his salary on savings. If he has Rs. 1800 left in his wallet, then Find his total expenditure on accommodation and savings.

- A Rs. 1,200
- B Rs. 1,400
- C Rs. 1,600
- D Rs. 1,800

Answer: B

Explanation:

Let total salary = Rs. $20x$

$$\text{Amount spent on friends} = \frac{1}{5} \times 20x = \text{Rs. } 4x$$

$$\text{Amount spent on accommodation} = \frac{1}{10} \times 20x = \text{Rs. } 2x$$

$$\text{Amount in savings} = \frac{1}{4} \times 20x = \text{Rs. } 5x$$

$$\Rightarrow \text{Amount left} = 20x - (4x + 2x + 5x) = 1800$$

$$\Rightarrow 20x - 11x = 9x = 1800$$

$$\Rightarrow x = \frac{1800}{9} = 200$$

$$\therefore \text{Total expenditure on accommodation and savings} = 2x + 5x = 7x$$

$$= 7 \times 200 = \text{Rs. } 1,400$$

\Rightarrow Ans - (B)

Question 3

What is the value of $(2 - 2z + z^2)(2 + 2z - z^2)$, when $z + \frac{2}{z} = 2$?

- A 0
- B 2
- C 4
- D 8

Answer: A

Explanation:

Given : $z + \frac{2}{z} = 2$

$$\Rightarrow \frac{z^2 + 2}{z} = 2$$

$$\Rightarrow z^2 = 2z - 2 \text{ -----(i)}$$

To find : $(2 - 2z + z^2)(2 + 2z - z^2)$

Substituting value from equation (i), we get :

$$= [2 - 2z + (2z - 2)][2 + 2z - (2z - 2)]$$

$$= (0) \times (0) = 0$$

\Rightarrow Ans - (A)

Question 4

Determine the value of 'Z' $Z = \sqrt{20 + \sqrt{20 + \sqrt{20 + \sqrt{20 + \dots}}}}$

- A 4
- B 5
- C 20
- D 25

Answer: B

Explanation:

$$\text{Expression : } Z = \sqrt{20 + \sqrt{20 + \sqrt{20 + \sqrt{20 + \dots}}}}$$

$$\Rightarrow Z = \sqrt{20 + Z}$$

Squaring both sides, we get :

$$\Rightarrow Z^2 = 20 + Z$$

$$\Rightarrow Z^2 - Z - 20 = 0$$

$$\Rightarrow Z^2 + 4Z - 5Z - 20 = 0$$

$$\Rightarrow Z(Z + 4) - 5(Z + 4) = 0$$

$$\Rightarrow (Z + 4)(Z - 5) = 0$$

$$\Rightarrow Z = -4, 5$$

But Z cannot be negative, $\Rightarrow Z = 5$

=> Ans - (B)

SSC CHSL Free Mock Test

Question 5

The point at which the perpendicular bisectors of the sides of a triangle intersect is known as _____.

- A circum-centre
- B orthocenter
- C centroid
- D in-center

Answer: A

Explanation:

The point at which the perpendicular bisectors of the sides of a triangle intersect is known as *circum-centre*.

=> Ans - (A)

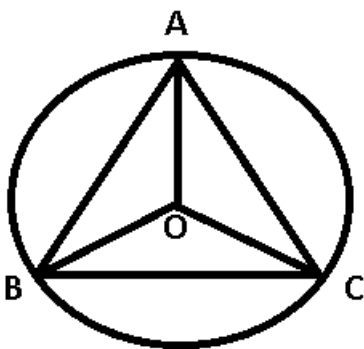
Question 6

The radius of the circle circumscribing the three vertices of an equilateral triangle is 12 cm. Determine the height (in cm) of the equilateral triangle.

- A 12
- B 14
- C 18
- D 20

Answer: C

Explanation:



Let the median = height of the triangle = h cm

ABC is an equilateral triangle with circum-radius = 12 cm

Now, O is the circumcentre of the triangle and it divides the median in the ratio 2:1

$$\Rightarrow AO = \frac{2}{2+1} \times h$$

$$\Rightarrow 12 = \frac{2}{3} \times h$$

$$\Rightarrow h = 12 \times \frac{3}{2}$$

$$\Rightarrow h = 6 \times 3 = 18 \text{ cm}$$

=> Ans - (C)

Question 7

If P = 350 and Q = 600, then P is how much percentage less than Q?

- A 41.66
- B 58.33
- C 71.42
- D 35.33

Answer: A

Explanation:

$$P = 350 \text{ and } Q = 600$$

$$\Rightarrow \text{Required \%} = \frac{(600-350)}{600} \times 100$$

$$= \frac{250}{600} = 41.66\%$$

=> Ans - (A)

SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 8

The ratio of two numbers is 5 : 4. If the sum of both the numbers is 180, then what is the smaller number among both the numbers?

- A 100
- B 80
- C 60
- D 75

Answer: B

Explanation:

Let the numbers be $5x$ and $4x$

$$\text{Sum} = 5x + 4x = 180$$

$$\Rightarrow 9x = 180$$

$$\Rightarrow x = \frac{180}{9} = 20$$

$$\therefore \text{Smaller number} = 4 \times 20 = 80$$

=> Ans - (B)

Question 9

P started a business by the investing Rs 35000 and Q joined him after one year with an amount of Rs. 21000. After two years from the starting of the business, they earned profit of Rs 26000. What will be the P's share (in Rs) in the profit?

- A 15000
- B 18000
- C 20000

D 16000

Answer: C

Explanation:

Amount invested by P = Rs. 35,000 for 2 years

Amount invested by Q = Rs. 21,000 for 1 year

=> Ratio of profit of P:Q = $(35000 \times 2) : (21000 \times 1)$

= 70 : 21 = 10 : 3

Total profit = Rs. 26,000

=> P's share = $\frac{10}{10+3} \times 26,000$

= $10 \times 2,000 = Rs. 20,000$

=> Ans - (C)

Question 10

If $31x + 31y = 403$, then what is the average of x and y?

A 3.5

B 5

C 6.5

D 13

Answer: C

Explanation:

Given : $31x + 31y = 403$

=> $31(x + y) = 403$

=> $(x + y) = \frac{403}{31} = 13$

Dividing both sides by 2, we get :

∴ Required average = $\frac{(x+y)}{2}$

= $\frac{13}{2} = 6.5$

=> Ans - (C)

SSC CGL Previous Papers (DOWNLOAD PDF)

Question 11

A sum of Rs 7500 is divided into two parts. The simple interest on first part at the rate of 12% per annum is equal to the simple interest on second part at the rate of 18%. What is the interest (in Rs) on each part for one year?

A 600

B 360

C 480

D 540

Answer: D

Explanation:

Let sum invested for 12% = Rs. $100x$ and sum invested for 18% = Rs. $(7500 - 100x)$

Time period = 1 year

$$\Rightarrow \text{Simple interest} = \frac{P \times R \times T}{100}$$

According to ques,

$$\Rightarrow \frac{100x \times 12 \times 1}{100} = \frac{(7500 - 100x) \times 18 \times 1}{100}$$

$$\Rightarrow 12x = (75 - x) \times 18$$

$$\Rightarrow 12x = 1350 - 18x$$

$$\Rightarrow 12x + 18x = 30x = 1350$$

$$\Rightarrow x = \frac{1350}{30} = 45$$

$$\therefore \text{Interest for each part} = \frac{100 \times 45 \times 12 \times 1}{100}$$

= Rs. 540

\Rightarrow Ans - (D)

Question 12

Selling price of a calculator is Rs 13924 and profit percentage is 18%. If selling price is Rs 10266, then what will be the loss percentage?

- A 17.2
- B 13
- C 14.9
- D 11

Answer: B

Explanation:

Selling price = Rs. 13,924

Profit % = 18%

$$\Rightarrow \text{Cost price} = \frac{13,924}{(100+18)} \times 100 = \text{Rs. } 11,800$$

If selling price = Rs. 10,266

$$\therefore \text{Loss \%} = \frac{(11,800 - 10,266)}{11,800} \times 100$$

$$= \frac{1534}{118} = 13\%$$

\Rightarrow Ans - (B)

Question 13

Rohit wants to earn 21% profit on a belt after offering 45% discount. By how much percentage more should he mark the price of his article above the cost price?

- A 75.45
- B 120
- C 66
- D 102.5

Answer: B

Explanation:

Let marked price of article = Rs. $100x$

Discount % = 45%

$$\Rightarrow \text{Selling price} = 100x - \left(\frac{45}{100} \times 100x\right) = \text{Rs. } 55x$$

Profit % = 21%

$$\Rightarrow \text{Cost price} = \frac{55x}{100+21} \times 100 = \text{Rs. } \frac{500x}{11}$$

$$\therefore \text{Required \%} = \frac{100x - \frac{500x}{11}}{\frac{500x}{11}} \times 100$$

$$= \frac{1100 - 500}{500} = \frac{600}{500} = 120\%$$

\Rightarrow Ans - (B)

SSC CGL Free Mock Test (Latest Pattern)

Question 14

What is the value of $\sqrt{513 - \sqrt{144 - \sqrt{81 - \sqrt{64}}}}$

A 22

B 21

C 28

D 19

Answer: A

Explanation:

$$\text{Expression: } \sqrt{513 - \sqrt{144 - \sqrt{81 - \sqrt{64}}}}$$

$$= \sqrt{513 - \sqrt{144 - 9 - 8}}$$

$$= \sqrt{484} = 22$$

\Rightarrow Ans - (A)

Question 15

Two taps P and Q can fill a tank in 24 hours and 18 hours respectively. If the two taps are opened at 11 a.m., then at what time (in p.m.) should the tap P be closed to completely fill the tank at exactly 2 a.m.?

A 5

B 2

C 3

D 4

Answer: C

Explanation:

Let the total capacity of the tank = L.C.M. (24,18) = 72 litres

Tap P fill it in 24 hours, \Rightarrow P's efficiency = $\frac{72}{24} = 3$ l/hr

Similarly, Q's efficiency = $\frac{72}{18} = 4$ l/hr

Both taps are opened at 11 a.m., let P be closed after t hours

\Rightarrow Q alone operated for $= (15 - t)$ hours

According to ques, $\Rightarrow (3 + 4)t + 4(15 - t) = 72$

$$\Rightarrow 7t + 60 - 4t = 72$$

$$\Rightarrow 3t = 72 - 60 = 12$$

$$\Rightarrow t = \frac{12}{3} = 4$$

\therefore Tap P should be closed after 4 hours = 11 a.m. + 4 hours = 3 p.m.

\Rightarrow Ans - (C)

Question 16

If Anuj walks at the speed of 4 km/hr, then he reaches his school 6 minutes late but if he walks at the speed of 5 km/hr, then he reaches 6 minutes before the scheduled time. What is the distance (in km) of his school from his house?

A 4

B 3

C 6

D 3.5

Answer: A

Explanation:

Let distance between school and house = d km and ideal time to reach school = t hours

When he walks at a speed of 4 km/hr, he reaches school 6 minutes late, \Rightarrow using distance = speed \times time

$$\Rightarrow d = 4 \times \left(t + \frac{6}{60}\right) \text{-----(i)}$$

$$\text{Similarly, } d = 5 \times \left(t - \frac{6}{60}\right) \text{-----(ii)}$$

Comparing, equations (i) and (ii), we get :

$$\Rightarrow 4\left(t + \frac{6}{60}\right) = 5\left(t - \frac{6}{60}\right)$$

$$\Rightarrow 4t + \frac{2}{5} = 5t - \frac{1}{2}$$

$$\Rightarrow 5t - 4t = \frac{2}{5} + \frac{1}{2}$$

$$\Rightarrow t = \frac{(4+5)}{10} = \frac{9}{10}$$

Substituting it in equation (i), $\Rightarrow d = 4\left(\frac{9}{10} + \frac{6}{60}\right)$

$$= 4\left(\frac{54+6}{60}\right) = \frac{60}{15} = 4 \text{ km}$$

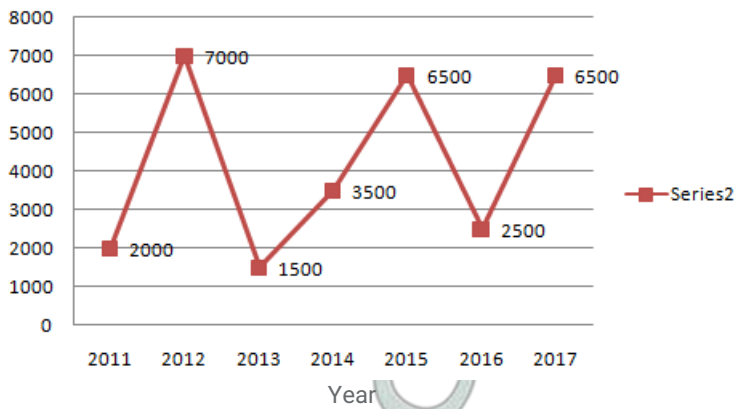
\Rightarrow Ans - (A)

SSC CHSL Important Questions and Answers (Download PDF)

Instructions

The line graph shows the number of students who passed with distinction in the given year from a certain university. Study the diagram and answer the following questions.

Students who passed with distinction



Question 17

In which year were number of students who passed with distinction were lesser than those who passed in the previous year?

- A 2012
- B 2014
- C 2015
- D 2013

Answer: D

Explanation:

In **2013** and **2016**, the number of students who passed with distinction were lesser than those who passed in the previous year.

=> Ans - (D)

Question 18

What was the difference in the number of students who passed with distinction between the years 2017 and 2014?

- A 6000
- B 5000
- C 4000
- D 3000

Answer: D

Explanation:

Number of students who passed with distinction in 2017 = 6500

Number of students who passed with distinction in 2014 = 3500

=> Required difference = $6500 - 3500 = 3000$

=> Ans - (D)

Question 19

Number of students who passed with distinction in 2012 were greater than that in 2011 by _____.

- A 350%
- B 100%
- C 200%

D 250%

Answer: D

Explanation:

Number of students who passed with distinction in 2012 = 7000

Number of students who passed with distinction in 2011 = 2000

$$\Rightarrow \text{Required \%} = \frac{(7000-2000)}{2000} \times 100$$

$$= \frac{5000}{20} = 250\%$$

\Rightarrow Ans - (D)

SSC CHSL Study Material

Question 20

If students who pass with distinction are given a certificate, what is the number of certificates awarded in the last three years?

A 16500

B 15500

C 14500

D 13500

Answer: B

Explanation:

Number of certificates awarded in the last three years = Number of students who passed with distinction in 2015, 2016 and 2017

$$= 6500 + 2500 + 6500 = 15500$$

\Rightarrow Ans - (B)

Instructions

For the following questions answer them individually

Question 21

The length and breadth of a rectangle are 24 cm and 7 cm respectively. What must be the length of its diagonal (in cm)?

A 50

B 25

C 28

D 56

Answer: B

Explanation:

Length of rectangle, $l = 24$ cm and breadth, $b = 7$ cm

$$\Rightarrow \text{Diagonal, } d^2 = l^2 + b^2$$

$$\Rightarrow d^2 = (24)^2 + (7)^2$$

$$\Rightarrow d^2 = 576 + 49 = 625$$

$$\Rightarrow d = \sqrt{625} = 25 \text{ cm}$$

\Rightarrow Ans - (B)

Question 22

Find the circumference (in cm) of a circle of radius 10.5 cm.

- A 84
- B 35
- C 70
- D 66

Answer: D

Explanation:

Radius of circle = $r = 10.5$ cm

=> Circumference = $2\pi r$

$$= 2 \times \frac{22}{7} \times 10.5$$

$$= 44 \times 1.5 = 66 \text{ cm}$$

=> Ans - (D)

SSC CHSL Free App

Question 23

Find the total surface area (in cm^2) of a right circular cylinder of diameter 42 cm and height 14 cm.

- A 4488
- B 4250
- C 4010
- D 4620

Answer: D

Explanation:

Height of cylinder, $h = 14$ cm and radius, $r = \frac{42}{2} = 21$ cm

Total surface area of cylinder = $2\pi r(r + h)$

$$= 2 \times \frac{22}{7} \times 21 \times (21 + 14)$$

$$= 132 \times 35 = 4620 \text{ cm}^2$$

=> Ans - (D)

Question 24

What is the value of $(2 - \sin 30^\circ)$?

- A $\frac{3}{2}$
- B $\frac{3}{\sqrt{2}}$
- C $2 - \sqrt{3}$
- D $\frac{2\sqrt{3} - \sqrt{6}}{2\sqrt{2}}$

Answer: A

Explanation:

Expression : $2 - \sin(30^\circ)$

$$= 2 - \frac{1}{2}$$

$$= \frac{(4-1)}{2} = \frac{3}{2}$$

=> Ans - (A)

Question 25

ΔPQR is right angled at Q. If $\cos P = 5/13$, then what is the value of cosec R ?

A 13/5

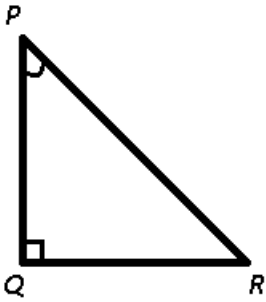
B 5/12

C 5/13

D 13/12

Answer: A

Explanation:



Given : $\cos P = \frac{5}{13}$

Also, $\cos P = \frac{PQ}{PR} = \frac{5}{13}$

Let PQ = 5 cm and PR = 13 cm

To find : $\operatorname{cosec} R = \frac{PR}{PQ}$

$$= \frac{13}{5}$$

=> Ans - (A)

Daily Free SSC Practice Set

Reasoning

Instructions

For the following questions answer them individually

Question 26

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

Truck : Vehicle :: ? : ?

A Car : Road

B Road : Stones

C Scooter : Tyre

D Green : Colour

Answer: D

Explanation:

Expression = Truck : Vehicle :: ? : ?

The first comes under the category of second, i.e. truck is a vehicle, similarly green is a type of colour.

=> Ans - (D)

Free SSC Study Material (18,000 Solved Questions)

Question 27

In the following question, select the related number from the given alternatives.

446 : 443 :: 552 : ?

A 445

B 549

C 543

D 551

Answer: B

Explanation:

Expression = 446 : 443 :: 552 : ?

The numbers are of the form = $x : (x - 3)$

Eg :- $446 - 3 = 443$

Similarly, $552 - 3 = 549$

=> Ans - (B)

Question 28

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

HER : SVI :: MET : ?

A AVT

B RKG

C NVG

D LVA

Answer: C

Explanation:

Expression = HER : SVI :: MET : ?

The pattern followed is that each letter is replaced by the letter at its position, when the alphabets are reversed, i.e. first is replaced by last, second by second last and so on.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

↓ ↓ ... ↓ ↓ ↓

Z Y X W V U T S R Q P O N M L K J I H G F E D C B A

Eg :- H -> S, E -> V, R -> I

Similarly, M → N

E → V

T → G

∴ MET : NVG

⇒ Ans - (C)

Question 29

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

- A Patient - Doctor
- B Criminals - Police
- C Student - Teacher
- D Animal - Bird

Answer: D

Explanation:

Among the given pairs, the second commands the first, i.e. a doctor treats his patients, police catches criminals and teacher teaches their students. But, bird and animal are different types of fauna, hence it is the odd one out.

⇒ Ans - (D)

1500+ Very Important Free SSC Solved Questions

Question 30

In the following question, four number pairs are given. The number on left side of (-) is related to the number of the right side of (-) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives .

- A 10 - 14
- B 14 - 18
- C 12 - 16
- D 16 - 24

Answer: D

Explanation:

The difference between each of the pair of numbers is 4.

But in the last option ⇒ $24 - 16 = 8$

Thus, (16 - 24) is the odd one out.

⇒ Ans - (D)

Question 31

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

- A CDFI
- B RSUX
- C JKMP
- D FGJM

Answer: D

Explanation:

(A) : C (+1 letter) = D (+2 letters) = F (+3 letters) = I

(B) : R (+1 letter) = S (+2 letters) = U (+3 letters) = X

(C) : J (+1 letter) = K (+2 letters) = M (+3 letters) = P

(D) : F (+1 letter) = G (+2 letters) = J (+3 letters) = M

=> Ans - (D)

Question 32

Arrange the given words in the sequence in which they occur in the dictionary.

1. Jumbo Jet
2. Juggling
3. Justice
4. Jewel
5. Jealous

A 54213

B 23415

C 12345

D 42315

Answer: A

Explanation:

As per the order of dictionary :

= Jealous -> Jewel -> Juggling -> Jumbo Jet -> Justice

≡ 54213

=> Ans - (A)

SSC Exam Update Videos & Free Study Material (YouTube Channel)

Question 33

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

5, 9, 13, 17, 21, ?

A 32

B 26

C 25

D 29

Answer: C

Explanation:

'4' is added to all the numbers.

$5 + 4 = 9$

$9 + 4 = 13$

$13 + 4 = 17$

$17 + 4 = 21$

$21 + 4 = 25$

=> Ans - (C)

Question 34

A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

XJ, WL, VN, UP, ?

A TU

B TR

C ST

D SU

Answer: B

Explanation:

Series : XJ, WL, VN, UP, ?

The pattern followed in each letter of the terms is :

1st letter : X (-1 letter) = W (-1 letter) = V (-1 letter) = U (-1 letter) = T

2nd letter : J (+2 letters) = L (+2 letters) = N (+2 letters) = P (+2 letters) = R

Thus, missing term = **TR**

=> Ans - (B)

Question 35

In a row of boys, Rahul's position from the right end is 39th and Pankaj's position from the left end is 53rd. After interchanging their position, Rahul's position becomes 64th from the right end. How many boys are there in the row?

A 118

B 117

C 116

D 120

Answer: C

Explanation:

Pankaj's position from the left end = 53rd

After interchanging their position, Rahul's new position = 64th from right = Pankaj's old position

=> Total number of boys = $(53 + 64) - 1 = 116$

=> Ans - (C)

Latest Job Updates on Telegram - Join here

Question 36

From the given alternatives, select the word which CANNOT be formed using the letters of the given word. Ranking

A Ink

B Rain

C King

D Acting

Answer: D

Explanation:

The word RANKING does not contain any 'C' or 'T', thus the term **Acting** cannot be formed.

=> Ans - (D)

Question 37

In a certain code language, "PRANK" is written as "RUESQ". How is "RATES" written in that code language?

A XDTYF

B ZFTDX

C FDXTZ

D TDXJY

Answer: D

Explanation:

"PRANK" is written as "RUESQ"

The pattern followed is :

P	R	A	N	K
(+2)	(+3)	(+4)	(+5)	(+6)
R	U	E	S	Q

Similarly, for RATES :

R	A	T	E	S
(+2)	(+3)	(+4)	(+5)	(+6)
T	D	X	J	Y

=> Ans - (D)

Question 38

In a certain code language, '+' represents 'x', 'x' represents '÷' and '÷' represents '-'. Find out the answer to the following question.

$10 + 20 \times 10 \div 20 - 8 = ?$

A 43

B 9

C 30

D 8

Answer: D

Explanation:

Expression : $10 + 20 \times 10 \div 20 - 8 = ?$

$$\equiv 10 \times 20 \div 10 - 20 + 8$$

$$= \frac{200}{10} - 12$$

$$= 20 - 12 = 8$$

=> Ans - (D)



Join SSC Daily Quiz Telegram Group

Question 39

The following equation is incorrect. Which two signs should be interchanged to correct the equation?

$$16 \div 8 - 5 \times 2 + 6 = 9$$

- A + and \times
- B + and \div
- C - and +
- D \div and \times

Answer: A

Explanation:

Expression : $16 \div 8 - 5 \times 2 + 6 = 9$

(A) : + and \times

$$\equiv 16 \div 8 - 5 + 2 \times 6 = 9$$

$$\text{L.H.S.} = \left(\frac{16}{8}\right) - 5 + (2 \times 6)$$

$$= 2 - 5 + 12 = 9 = \text{R.H.S.}$$

\Rightarrow Ans - (A)

Question 40

If $4!4 = 4$, $14!2 = 8$ and $10!18 = 14$, then find the value of $2!6 = ?$

- A 4
- B 8
- C 18
- D 12

Answer: A

Explanation:

Given : $4!4 = 4$, $14!2 = 8$ and $10!18 = 14$

If we replace '!' with '+', and divide the sum by 2, we get the desired result.

$$\text{Eg :- } \frac{4+4}{2} = 4$$

$$\text{and } \frac{14+2}{2} = 8 \text{ and } \frac{10+18}{2} = 14$$

$$\text{Similarly, } \frac{2+6}{2} = 4$$

\Rightarrow Ans - (A)

Question 41

Which of the following terms follows the trend of the given list?

BAAAAA, AAAAAAB, ABAAAA, AAAAABA, AABAAAA, _____.

- A ABAAABA
- B AAAABAA

C BAAAAA

D AAAAAA

Answer: B

Explanation:

Expression : BAAAAA, AAAAAA, ABAAAA, AAAAAA, AABAAAA, _____.

The pattern followed is that in each term there are combinations of 6 A's and 1 B, and in the alternate terms, the position of B starting from each extremes is moved one place up.

Thus, in the missing term, the third last term will be 'B' = AAAABAA

=> Ans - (B)

25 SSC CHSL Mocks for just Rs. 149

Question 42

A river connects two towns A and B. It flows 37 miles South from town A, then it turns West and flows 23 miles, then it turns North and flows 40 miles, then it turns to its right and flows 23 miles to reach town B. Where is town A with respect to town B?

A 3 miles South

B 13 miles South

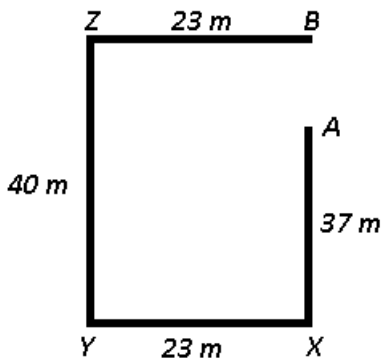
C 3 miles North

D 13 miles North

Answer: A

Explanation:

The river starts from town A and flows 37 miles South to reach X, then it turns West and flows 23 miles to reach Y, then it turns North and flows 40 miles to point Z, then it turns to its right and flows 23 miles eastwards to finally reach town B.



∴ Town A is 3 miles south with respect to town B.

=> Ans - (A)

Question 43

In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement I: All mobiles are phones

Statement II: All phones are devices

Conclusion I: Some phones are devices

Conclusion II: No devices are phones

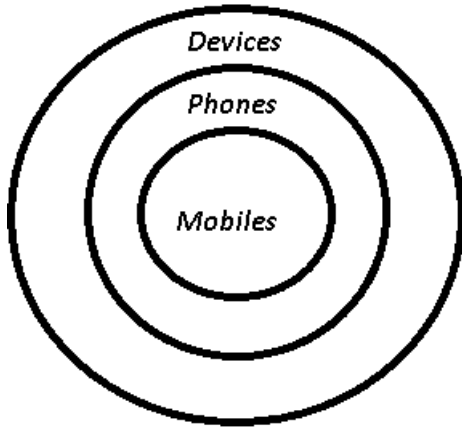
A Only conclusion I follows

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

Answer: A

Explanation:

The venn diagram for above statements is :



Conclusion I: Some phones are devices = true

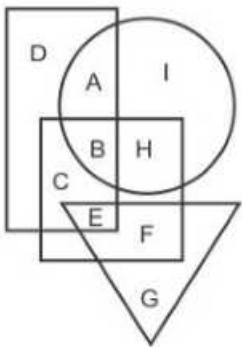
Conclusion II: No devices are phones = false

Thus, only conclusion I follows.

=> Ans - (A)

Question 44

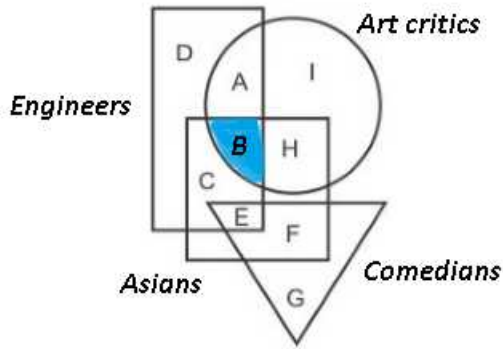
In the following figure, rectangle represents Engineers, circle represents Art critics, triangle represents Comedians and square represents Asians. Which set of letters represents Asians who are both Art critics as well as Engineers?



- A ECB
- B AB
- C B
- D BH

Answer: C

Explanation:



Asians who are both Art critics as well as Engineers = B

=> Ans - (C)

SSC CHSL Free Mock Test

Question 45

A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
PEN, MBK, JYH, GVE, ?

- A ESB
- B DRC
- C DSB
- D ERC

Answer: C

Explanation:

Series : PEN, MBK, JYH, GVE, ?

The pattern followed in each letter of the terms is :

1st letter : P (-3 letters) = M (-3 letters) = J (-3 letters) = G (-3 letters) = D

2nd letter : E (-3 letters) = B (-3 letters) = Y (-3 letters) = V (-3 letters) = S

3rd letter : N (-3 letters) = K (-3 letters) = H (-3 letters) = E (-3 letters) = B

Thus, missing term = **DSB**

=> Ans - (C)

Question 46

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

101, 97, 93, 89, ?, 81

- A 85
- B 84
- C 83
- D 86

Answer: A

Explanation:

'4' is subtracted from all the numbers.

$$101 - 4 = 97$$

$$97 - 4 = 93$$

$$93 - 4 = 89$$

$$89 - 4 = \mathbf{85}$$

$$85 - 4 = 81$$

=> Ans - (A)

Question 47

In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

A (2, 22, 222)

B (3, 33, 333)

C (1, 11, 111)

D (4, 44, 4444)

Answer: D

Explanation:

The numbers are of the form : $(x, 11x, 111x)$

But in the last option, we have = $111 \times 4 = 444 \neq 4444$

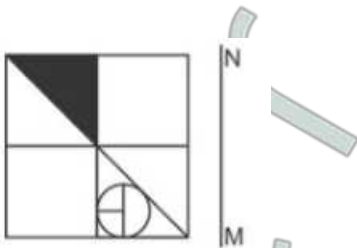
Thus, (4, 44, 4444) is the odd one out.

=> Ans - (D)

SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 48

If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?



A



B





Answer: B

Explanation:

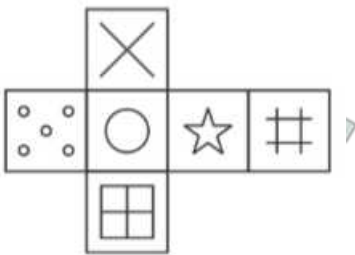
A vertical mirror is placed, so the object on the left will appear right in reverse position and vice-versa.

So the circle which is at the bottom right side of square in the question figure will now appear at bottom left side, hence second option is the right image since it is the only one which fits above description.

=> Ans - (B)

Question 49

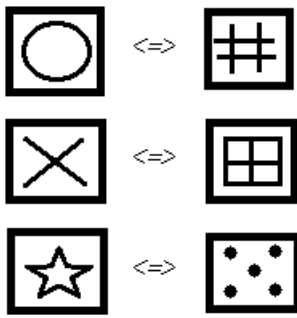
Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?



Answer: B

Explanation:

When we fold the given figure, the circle with a circle sign will become the base of the cube and the side with only '#' sign will become top, and thus they will face each other. Similarly, the sides which will face each other will be :



Since, the opposite sides cannot be adjacent in the cube, thus the cube in the second option is not possible.

=> Ans - (B)

Question 50

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'A' can be represented by 31, 23 etc and 'P' can be represented by 86, 97 etc. Similarly, you have to identify the set for the word 'KILT'.

Matrix - I					
	0	1	2	3	4
0	H	J	F	F	I
1	C	D	F	M	H
2	B	H	D	A	B
3	K	A	L	K	C
4	F	J	I	F	J

Matrix - II					
	5	6	7	8	9
5	Z	V	Q	Y	X
6	Y	U	W	V	X
7	V	Z	T	V	T
8	Y	P	R	W	W
9	N	R	P	T	X

- A 33,86,33,78
- B 14,58,22,56
- C 30,42,32,77
- D 21,79,42,97

Answer: C

Explanation:

(A) : 33,86,33,78 = KPKV

(B) : 14,58,22,56 = HYDV

(C) : 30,42,32,77 = **KILT**

(D) : 21,79,42,97 = HTIP

=> Ans - (C)

SSC CGL Previous Papers (DOWNLOAD PDF)

English

Instructions

In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

Question 51

Her behaviour (a)/ around him (b)/ was a little oddly. (c)/ No error (d)

- A Her behaviour

B around him

C was a little oddly

D No error

Answer: C

SSC CGL Free Mock Test (Latest Pattern)

Question 52

The more energy we give to a particular thought (a)/, the greater is its power to attract its corresponding circumstance into (b)/ their physical world through the law of attraction.

(c)/ No error (d)

A The more energy we give to a particular thought

B the greater is its power to attract its corresponding circumstance into

C their physical world through the law of attraction

D No error

Answer: C

Instructions

In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Question 53

I am tired _____ this, Chandler.

A with

B over

C of

D for

Answer: C

Question 54

The main use of friendship is that it _____ man to express his feelings and emotions.

A enables

B capables

C stables

D ables

Answer: A

SSC CHSL Important Questions and Answers (Download PDF)

Instructions

In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Question 55

Unruly

- A Cooperative
- B Disobedient
- C Compliant
- D Yielding

Answer: B

Question 56

Ennui

- A Continuation
- B Boredom
- C Anger
- D Strange

Answer: B

Instructions

In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Question 57

Temporal

- A Material
- B Fleshly
- C Earthly
- D Spiritual

Answer: D

SSC CHSL Study Material

Question 58

Capacious

- A Cramped
- B Broad
- C Comfortable

D Generous

Answer: A

Instructions

For the following questions answer them individually

Question 59

Rearrange the parts of the sentence in correct order.

In order to tone up

P : it should be

Q : the physical education programme,

R : reoriented and implemented

A PQR

B PRQ

C RQP

D QPR

Answer: D

Question 60

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

My sister will write an application.

A An application would be wrote by my sister.

B An application will be wrote by my sister.

C An application will be written by my sister.

D An application would written by my sister.

Answer: C

SSC CHSL Free App

Question 61

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

Rita said, "Alas! I am undone."

A Rita said that she was undone.

B Rita told me that she was undone.

C Rita exclaimed sadly that she was undone.

D Rita said that alas, she was undone.

Answer: C

Question 62

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

- A Mellnia
- B Millennia
- C Milleinia
- D Meillenia

Answer: B

Instructions

In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

One who has witnessed a debate _____ argument between two men _____ strong intellectually, one of whom is a trained logician and the other lacking this advantage, will never forget the impression produced _____ him by the unequal struggle. The conflict is like that of a _____ wrestler, untrained in the little tricks and turns of the science, in the various principles of applying force in a certain way at a certain time, at a certain place, with a _____ and experienced wrestler.

Question 63

witnessed a debate _____ argument between

- A of
- B or
- C but
- D so

Answer: B

Daily Free SSC Practice Set

Question 64

two men _____ strong intellectually,

- A equal
- B equality
- C equals
- D equally

Answer: D

Question 65

impression produced _____ him by the unequal

- A up

- B upon
- C into
- D in

Answer: B

Question 66

like that of a _____ wrestler, untrained

- A powerful
- B power
- C powerfully
- D powering

Answer: A

Free SSC Study Material (18,000 Solved Questions)

Question 67

certain place, with a _____ and experienced wrestler

- A trained
- B train
- C training
- D trains

Answer: A

Instructions

In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Question 68

Be on the air

- A Broadcast over the radio or on TV.
- B Float like a bird.
- C To pass bodily gases.
- D Be very arrogant.

Answer: A

Question 69

A diamond in the rough

- A Someone or something with potential or talent but lacking training or polish

- B A person who dresses shabbily
- C A diamond will shine out even when it is not polished.
- D A person of character will shine through even in tough times.

Answer: A

1500+ Very Important Free SSC Solved Questions

Instructions

In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Question 70

An opinion or conclusion formed on the basis of incomplete information

- A Proof
- B Conjecture
- C Clincher
- D Averment

Answer: B

Question 71

Protection or exemption from something, especially an obligation or penalty

- A Castigation
- B Immunity
- C Penance
- D Ostracism

Answer: B

Instructions

In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

Question 72

I (has been) fortunate to travel with interesting co-passengers.

- A have been
- B have being
- C has being
- D no improvement

Answer: A

SSC Exam Update Videos & Free Study Material (YouTube Channel)

Question 73

A bed sheet hung on the doorway sufficed till the doors (is finally installed).

- A was finally installed
- B were finally installed
- C were finally install
- D no improvement

Answer: B

Instructions

For the following questions answer them individually

Question 74

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

Everyone around

A: stood as a misfit among them

B: me turned out to be

C: an early-riser and I

- A BAC
- B ACB
- C ABC
- D CBA

Answer: A

Question 75

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

- A declination
- B declenation
- C declinasion
- D declenasion

Answer: A

Latest Job Updates on Telegram - Join here

General Awareness

Instructions

For the following questions answer them individually

Question 76

The existence of a parallel economy (black money) _____.

- A makes economy more competitive
- B makes the monetary policies less effective
- C ensures a better distribution of income and wealth
- D ensures increasing productive investment

Answer: B

Join SSC Daily Quiz Telegram Group

Question 77

'Garibi Hatao' (removal of poverty) and 'Growth with Justice' were the main objectives of _____.

- A Plan Holiday
- B Fourth Five Year Plan
- C Rolling Plan
- D Fifth Five Year Plan

Answer: B

Question 78

"Dhamek Stupa" is located at which of the following places?

- A Bodh Gaya
- B Sarnath
- C Sanchi
- D Kaushambi

Answer: B

Question 79

How long the Non-cooperation Movement was conducted?

- A April 1920 to February 1922
- B September 1920 to April 1922
- C June 1920 to December 1922
- D December 1920 to June 1922

Answer: B

25 SSC CHSL Mocks for just Rs. 149

Question 80

The Equator does NOT pass through which of the following countries?

- A Kenya
- B Mexico
- C Indonesia
- D Brazil

Answer: B

Question 81

The boundary of which of the following state/country does NOT touch with Arunachal Pradesh?

- A Assam
- B Nagaland
- C Bhutan
- D Manipur

Answer: D

Question 82

Achchhan Maharaj is associated with which of the following fields?

- A Instrumental music
- B Dance
- C Painting
- D Writing

Answer: B

SSC CHSL Free Mock Test

Question 83

In December 2017 Which country has signed an agreement with Sudan to build a nuclear power plant in the nation?

- A China
- B Pakistan
- C Russia
- D India

Answer: C

Question 84

Which university has been ranked at the top in the Swachhta Ranking 2017 released by the Union Government?

- A Banaras Hindu University
- B Hyderabad University
- C O.P. Jindal University
- D Madurai University

Answer: C

Question 85

The area of Nepal is approximately _____ square kilometres.

- A 115187
- B 128540
- C 135789
- D 147181

Answer: D

SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 86

Which among the following has lowest electron affinity?

- A Fluorine
- B Chlorine
- C Bromine
- D Argon

Answer: D

Question 87

Which of the following statement(s) about acids is/are CORRECT?

- I. They change the color of red litmus to blue.
- II. They change the color of blue litmus to red.
- III. They have pH value less than 7.

- A Only I and III
- B Only II and III
- C Only I
- D Only II

Answer: B

Question 88

Comptroller and Auditor General of India submits the audit reports to _____.

- A President of India
- B Prime Minister of India
- C Finance Minister of India
- D Home Minister of India

Answer: A

SSC CGL Previous Papers (DOWNLOAD PDF)

Question 89

Anti-defection law was passed in which Constitutional Amendment Act?

- A 41st Constitutional Amendment Act
- B 46th Constitutional Amendment Act
- C 48th Constitutional Amendment Act
- D 52th Constitutional Amendment Act

Answer: D

Question 90

Why do the plant closes stomata when it does NOT need carbon dioxide for photosynthesis?

- A To store carbon dioxide
- B To prevent water loss
- C To release stored oxygen
- D No option is correct.

Answer: B

Question 91

Alveoli are balloon like structures within the _____.

- A lungs
- B kidney
- C liver
- D heart

Answer: A

SSC CGL Free Mock Test (Latest Pattern)

Question 92

The SAMPADA (Scheme for Agro-Marine Processing Development of Agro-processing Clusters) scheme has been renamed to 'PMKSY'. What does 'K' stand for in 'PMKSY'?

- A Kisan
- B Kritrim
- C Kaushal
- D Kalyaan

Answer: A

Question 93

Which is the second country in the world after France to construct a photovoltaic highway?

- A China
- B Japan
- C Germany
- D Canada

Answer: A

Question 94

As per a report released by RBI in August 2017, approximately how much percent of the demonetised currency returned to the central Bank?

- A 99
- B 90
- C 85
- D 80

Answer: A

SSC CHSL Important Questions and Answers (Download PDF)

Question 95

On 19 September 2017, Law Ministry approved Fugitive Economic Offenders Bill, 2017. It will allow FIU, the premier technical snoop wing under the Finance Ministry, to file an application for declaration of fugitive economic offender. What does 'I' stand for in 'FIU'?

- A Intellectual
- B Intelligence
- C Instruction
- D Introduction

Answer: B

Question 96

What is the power rating (in W) of a bulb if a current of 0.3 A passes through on application of 240 V of potential difference across its terminals?

- A 800
- B 36
- C 400
- D 72

Answer: D

Question 97

In the equation of motion $v = u + at$, u represents _____.

- A initial velocity
- B final velocity
- C kinetic energy
- D potential energy

Answer: A

SSC CHSL Study Material

Question 98

A cyclone is known by different names in different parts of the world. It is called a ' _____ ' in Japan and Philippines .

- A funnel
- B whirlpool
- C twister
- D typhoon

Answer: D

Question 99

Which of the statements given below are correct?

- A) Julio Granda won the 2017 World Senior Chess Championship.
- B) Tan Zhongyi won the 2017 World Junior Chess Championship.
- C) Russia hosted the Golf 2017 Players Championship.

- A Only A
- B Only C
- C Both B and C
- D None of these

Answer: A

Question 100

To delete columns or rows we can use the delete option under the _____ in Microsoft Word.

- A Menu
- B Standard toolbar
- C Table Menu
- D Drawing toolbar

Answer: C

SSC CHSL Free App

25 SSC CHSL Mocks for just Rs. 149

SSC CHSL Free Mock Test

SSC CHSL Previous Papers (DOWNLOAD PDF)

SSC CGL Previous Papers (DOWNLOAD PDF)

SSC CGL Free Mock Test (Latest Pattern)

SSC CHSL Important Questions and Answers (Download PDF)

SSC CHSL Study Material

SSC CHSL Free App

Daily Free SSC Practice Set

Free SSC Study Material (18,000 Solved Questions)

1500+ Very Important Free SSC Solved Questions

SSC Exam Update Videos & Free Study Material (YouTube Channel)

Latest Job Updates on Telegram - Join here



Join SSC Daily Quiz Telegram Group