



SSC GD 15th Feb 2019 Shift-1

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

Reasoning

Instructions

For the following questions answer them individually

Question 1

Eight friends A, B, C, D, E, F, G and H are sitting around circular table facing each other for a lunch. A is opposite D and third to the right of B. G is between A and F. H is to the right of A. E is between C and D. Who is sitting third to the right of H?

- A F
- B B
- C D
- D G

Answer: C

SSC GD Free App

Question 2

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:

- 1) Some rubies are garments.
- 2) Some garments are garnets.

Conclusion:

- I. Some rubies are garnets.
- II. No ruby is a garnet.

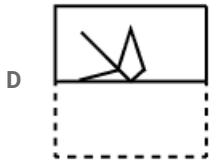
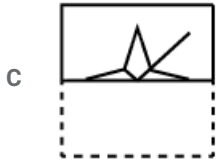
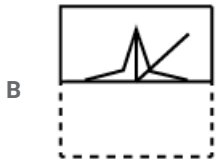
- A Only conclusion II follows.
- B Only conclusion I follows.
- C Both conclusions follow.
- D Either conclusion I or conclusion II follows.

Answer: D

Question 3

A square transparent sheet with a pattern is given. How will the pattern appear when the transparent sheet is folded along the dotted line?

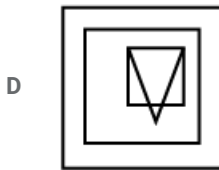
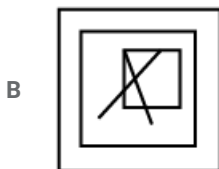
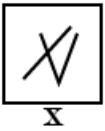




Answer: A

Question 4

Choose the option in which the figure marked 'X' is embedded. (Rotation is not allowed)



Answer: C

Question 5

J, KL, M, N and are six teachers. Each one teaches a different subject out of Hindi, English, Math, Science, Social Science and Arts, not necessarily in the same order. Each of them teaches on only one day, from Monday to Saturday, not necessarily in the same order.

J teaches Science on Wednesday. O teaches Math second day after J. K teaches on the first day of the week, but teaches neither Hindi nor English. M teaches English before N and L teaches Arts before J. Which subject is taught between Thursday and Saturday?

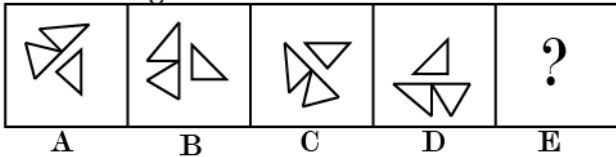
- A English
- B Math
- C Social Science
- D Science

Answer: B

Question 6

Choose the option that would follow next in the given figure series.

Problem Figure:



- A
- B
- C
- D

Answer: A

Question 7

Select the option that will correctly replace the question mark (?) in the series.
100, 96, 80, 44, ?

- A 64
- B 20

C -20

D 16

Answer: C

SSC GD Syllabus (Download PDF)

Question 8

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

Artificial : Natural :: Answer : ?

A Question

B Reply

C Problem

D Solution

Answer: A

Question 9

Choose the odd number out of the given options.

A 21

B 63

C 49

D 37

Answer: D

Question 10

Choose the odd one out of the given options.

A Kidney

B Nose

C Liver

D Lungs

Answer: B

20 SSC GD Mocks 117 (Latest Pattern)

Question 11

Seven friends O, P, Q, R, S, T and U are watching a movie sitting in a row. P is sitting at one extreme end. Q is sitting to the immediate left of S. P is sitting second to the right of T. U is not sitting at any extreme end. is sitting between R and T. Who is sitting at the extreme right end?

A R

B Q

C T

D P

Answer: D

Question 12

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

45 : 405 :: 49 : ?

A 169

B 637

C 144

D 525

Answer: B

Question 13

Choose the odd one out of the given options.

A PQH

B HJL

C GJM

D ELM

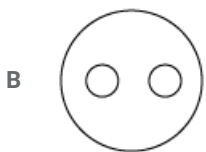
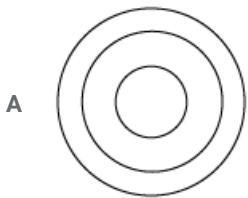
Answer: A

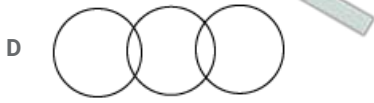
SSC CPO Previous Question papers (download pdf)

Question 14

Select the Venn diagram that best represents the given set of classes.

Words, Synonyms, Antonyms





Answer: B

Question 15

In a certain code, STEERING is written as HGVVIRMT. How will QUESTION be written in that code?

- A JFVHGILM
- B JFVHGRLM
- C JEVHGRLM
- D JFVHGRIM

Answer: B

Question 16

Select the option that will correctly replace the question mark (?) in the given pattern.



- A 16
- B 19
- C 9
- D 11

Answer: D

SSC MTS Previous Question papers (download pdf)

Question 17

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

Famous : Renowned :: Fierce : ?

- A Will
- B Fear
- C Desire
- D Violent

Answer: D

Question 18

Select the option that will correctly replace the question mark (?) in the series.

3, 15, 32, 59, ?

A 125

B 105

C 101

D 115

Answer: C

Question 19

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:

1) All mustards are corns.

2) All corns are olives.

Conclusion:

I. All mustards are olives.

II. Some olives are mustards.

A Only conclusion I follows.

B Both conclusions follow.

C Only conclusion II follows.

D Either conclusion I or conclusion II follows.

Answer: B

Free SSC Study Material (18,000 Solved Questions)

Question 20

Select the option that will correctly replace the question mark (?) in the series.

PEL, NGK, LIJ, JKI, ?

A HMH

B HHM

C MHH

D MMH

Answer: A

Question 21

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

AC : BF :: JK : ?

- A LM
- B UT
- C TU
- D TV

Answer: D

Question 22

Find out the two signs to be interchanged to make the following equation correct.

$$25 + 5 \times 7 - 12 \div 3 = 26$$

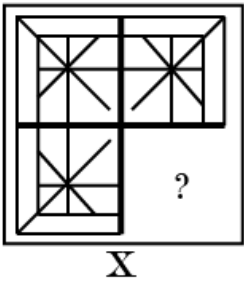
- A + and \div
- B + and \times
- C - and \div
- D + and -

Answer: A

SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 23

Select a figure from amongst the four alternatives that when placed in the blank space (?) of figure X will complete the pattern. (Rotation is not allowed).

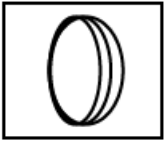


- A
- B
- C
- D

Answer: C

Question 24

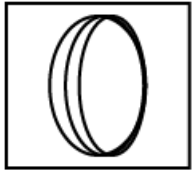
Choose the option that most closely resembles the mirror image of the given figure when mirror is placed at right side.



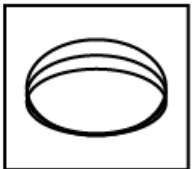
A



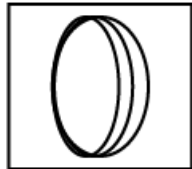
B



C



D



Answer: B

Question 25

In a certain code, UP is written as 336. How will ATE be written in that code?

A 20

B 100

C 80

D 60

Answer: B

SSC Stenographer Previous Papers (Download PDF)

General knowledge

Instructions

For the following questions answer them individually

Question 26

The tomb of Sher Shah Suri is situated in:

- A Sikandara
- B Burhanpur
- C Jabalpur
- D Sasaram

Answer: D

SSC GD Constable Previous Papers

Question 27

Which of the following cities is associated with the Kumbh Mela?

- A Meerut
- B Ujjain
- C Mathura
- D Varanasi

Answer: B

Question 28

Which of the following Hindu shrines is recently declared as a National Heritage by the Government of Pakistan?

- A Katas Raj
- B Panj Tirath
- C Varun dev temple
- D Hinglaj Mata temple

Answer: B

Question 29

Who is the winner of the Women's Singles Indonesian Masters Badminton tournament 2019?

- A Arundhati Pantawane
- B Shivani Gadde
- C Saina Nehwal
- D P.V. Sindhu

Answer: C

SSC MTS Previous Papers (DOWNLOAD PDF)

Question 30

Choose the correct group of diseases that are spread by air:

- A Cholera, Typhoid, Tuberculosis
- B Tuberculosis, Pneumonia, Influenza
- C Warts, common cold, cough
- D AIDS, Typhoid, Pneumonia

Answer: B

Question 31

Under which land revenue system, the zamindars were given the rights to transfer their properties subject to the payment of a fixed amount to the Government?

- A Permanent Settlement
- B Jagirdari Settlement
- C Ryotwari Settlement
- D Mahalwari Settlement

Answer: A

Question 32

Which of the following features of the Organised sector is NOT correct?

- A The enterprises under this sector are registered with the Government.
- B Workers get paid leaves during the holidays.
- C Workers under this sector enjoy security and employment.
- D The employers are bound to provide leave travel concession to its workers.

Answer: D

SSC GD Constable Previous Papers (DOWNLOAD PDF)

Question 33

In the context of temple architecture, the most important part of the temples:

- A Gopuram
- B Mandapam
- C Pradakshina Patha
- D Garbhagriha

Answer: D

Question 34

In which of the following protected areas in India the human interference is prohibited?

- A National Parks
- B Wetlands
- C Wildlife sanctuaries
- D Biosphere Reserves

Answer: A

Question 35

The Zaskar, the Hunza and the Nubra are the tributaries of:

- A Indus
- B Tapi
- C Brahmaputra
- D Godavari

Answer: A

SSC CGL Previous Papers (DOWNLOAD PDF)

Question 36

Which of the following statements is NOT correct about the culture of Maharashtra?

- A Its popular dance is called 'Gotipua'.
- B Ganesh Chaturthi is its main festival.
- C Its folk theatre is called Tamasha.
- D Its traditional saree is called Paithani.

Answer: A

Question 37

Who among the following is invited as the chief guest at the 2019 Republic Day of India?

- A President of South Africa
- B President of Sri Lanka
- C Prime Minister of Japan
- D President of Nepal

Answer: A

Question 38

The plastics which get deformed easily on heating are known as:

- A Thermosetting Plastics
- B Thermo Plastics

- C Thermo resistant Plastics
- D Thermo dynamic Plastics

Answer: B

SSC CGL Free Mock Test (Latest Pattern)

Question 39

With reference to the climatic conditions of the Prairies, which of the following statements is correct?

- A The local wind "Loo" blows here.
- B The annual rainfall is very heavy.
- C There is a North South wind barrier.
- D It has the continental type of climate with extreme temperatures.

Answer: D

Question 40

The dispute between two states can be resolved by the Supreme Court of India under its:

- A Appellate Jurisdiction
- B Advisory Jurisdiction
- C Supervisory Jurisdiction
- D Original Jurisdiction

Answer: D

Question 41

What will happen to the boiling point and freezing point of water when some common salt is added in it?

- A Boiling point elevation, freezing point depression
- B No change
- C Only boiling point increases or decreases
- D Boiling point depression, freezing point elevation

Answer: A

SSC CHSL Free Mock Test (Latest Pattern)

Question 42

Special Economic Zones are being set up by the Government in order to attract:

- A Traditional artisans
- B Cooperative companies
- C Foreign companies

D Local companies

Answer: C

Question 43

The B.P. Mandal commission was set up to study the reasons of backwardness of the:

- A scheduled tribes
- B scheduled castes
- C rural women and children
- D socially and economically backward classes

Answer: D

Question 44

Which of the lenses used to cure Myopia?

- A convex
- B concave
- C parabolic
- D cylindrical

Answer: B

SSC Stenographer Previous Papers (Latest Pattern)

Question 45

Who among the following rulers is related to "market regulatory measures" in medieval India?

- A Alauddin Khilji
- B Sher Shah Suri
- C Muhammed Bin Tughlaq
- D Jahangir

Answer: A

Question 46

The other name of Per Capita Income is:

- A National Income
- B Total Income
- C Intermediate Income
- D Average Income

Answer: D

Question 47

Under which of the following acts the system of Dyarchy was introduced in India?

- A Government of Indian Act 1935
- B Government of Indian Act 1909
- C Government of Indian Act 1947
- D Government of Indian Act 1919

Answer: D

SSC GD Constable Free Mock Test (Latest Pattern)

Question 48

In 2016 Rio Olympics, Indian gymnast Dipa Karmakar attempted the most dangerous vault known as:

- A Yurchenko
- B Rudi
- C Tsukahara
- D Produnova

Answer: D

Question 49

Naphthalene ball disappears after some days due to the process of:

- A sublimation
- B melting and evaporation
- C melting
- D evaporation

Answer: A

Question 50

The recent largest ever coastal defence exercise is conducted by the Indian Navy is named as:

- A SEA SERPENT
- B SEA HAWK
- C SEA SEIZURE
- D SEA VIGIL

Answer: D

SSC MTS Free Mock Test (Latest Pattern)

Instructions

For the following questions answer them individually

Question 51

A sum of ₹ 10000 is lent on simple interest at the rate of 15% per annum. What is the difference between Simple interest for 6 years and the simple interest for 2 years?

- A ₹4000
- B ₹8000
- C ₹6000
- D ₹4500

Answer: C

Explanation:

Given, Principal = Rs.10000

Rate of interest = 15%

Simple Interest for 1 year = 15% of Rs.10000 = Rs.1500

Then, Simple Interest for 2 years = $2 \times 1500 = \text{Rs.}3000$

Simple Interest for 6 years = $6 \times 1500 = \text{Rs.}9000$

Therefore, Required difference = $\text{Rs.}9000 - \text{Rs.}3000 = \text{Rs.}6000$.

SSC CPO Free Mock Test (Latest Pattern)**Question 52**

What is the mean of the given data?

2, 3, 4, 5, 6, 7, 8, 9

- A 4
- B 4.5
- C 5.5
- D 5

Answer: C

Explanation:

Given numbers are 2,3,4,5,6,7,8,9

$$\text{Mean} = \frac{2 + 3 + 4 + 5 + 6 + 7 + 8 + 9}{8} = \frac{44}{8} = 5.5$$

Question 53

A train is moving with a uniform speed. Train crosses a bridge of length 243 meters in 30 seconds and a bridge of length 343 meters in 36 seconds. What is the speed of the train?

- A 60 km/hr
- B 72 km/hr
- C 64 km/hr
- D 65 km/hr

Answer: A

Explanation:

Let the length of the train be T m.

$$\text{Speed of the train} = \frac{T + 243}{30} = \frac{T + 343}{36}$$

$$\Rightarrow \frac{T + 243}{5} = \frac{T + 343}{6}$$

$$\Rightarrow 6T + 1458 = 5T + 1715$$

$$\Rightarrow T = 257$$

Hence, Length of the train = 257 m

$$\text{Therefore, Speed of the train} = \frac{243 + 257}{30} = \frac{500}{30} = \frac{50}{3} \text{ m/sec} = 3 \times \frac{50}{3} = 50 \text{ m/sec} = 180 \text{ km/hr}$$

Question 54

The area of a square and a rectangle are equal. The length of the rectangle is greater than the side of square by 9 cm and its breadth is less than the side of square by 6 cm. What will be the perimeter of the rectangle?

- A 84 cm
- B 74 cm
- C 78 cm
- D 76 cm

Answer: C

Explanation:

Let the side of the square be S cm.

Length of the rectangle be l cm and breadth of the rectangle be b cm.

Given, l = s+9 cm and b = s-6 cm

$$\text{Given, } lb = s^2$$

$$(s + 9)(s - 6) = s^2$$

$$\Rightarrow s^2 - 6s + 9s - 54 = s^2$$

$$\Rightarrow 3s - 54 = 0$$

$$\Rightarrow 3s = 54 \Rightarrow s = 18$$

Then, l = s+9 = 18+9 = 27 cm

b = s-6 = 18-6 = 12 cm

Therefore, Perimeter of the rectangle = 2(l+b) = 2(27+12) = 2*39 = 78 cm

SSC GD Free Videos (Youtube)

Question 55

A car covers a certain distance at a speed of 54 km/hr in 7 hours. What should be the speed of car to cover the same distance in 6 hours?

- A 72 km/hr
- B 56 km/hr
- C 63 km/hr
- D 54 km/hr

Answer: C

Explanation:

Given, Speed of the car = 54 km/hr
 Time taken to travel the distance = 7 hours
 Then, Total distance travelled by the car = $54 \times 7 = 378$ km
 Required speed to travel 378 km in 6 hours = $\frac{378}{6} = 63$ km/hr

Question 56

The curved surface area of a cone is 550 cm^2 . If the area of its base is 154 cm^2 , then what will be the volume of the cone?

- A 2464 cm^3
- B 1836 cm^3
- C 1232 cm^3
- D 1472 cm^3

Answer: C

Explanation:

Area of base of a cone = πr^2

Given, $\pi r^2 = 154$
 22

$\Rightarrow 7 r^2 = 154$

$\Rightarrow r^2 = 49$

$\Rightarrow r = 7$

Radius of the base of the cone = 7 cm

Given, Curved Surface Area of the cone = 550 cm^2
 22

$7 \times 7 \times L = 550$ where L = Slant height of the cone

$\Rightarrow L = 25$ cm

Volume of the cone = $\frac{1}{3} \pi r^2 (\sqrt{L^2 - r^2}) = \frac{1}{3} \times 7^2 \times \sqrt{25^2 - 7^2} = \frac{1}{3} \times 7 \times 576 = 1231.5 \text{ cm}^2 \approx 1232 \text{ cm}^2$

Question 57

The table given below shows the marks obtained by 4 students in 5 subjects. The maximum marks of each subject is 100.

Subjects	Students			
	P1	P2	P3	P4
S1	89	100	92	91
S2	62	52	72	37
S3	57	55	70	65
S4	76	85	76	58
S5	85	70	66	62

What is the total percent marks of P4?

- A 67.2%
- B 59.5%
- C 62.6%
- D 65.8%

Answer: C

Explanation:

$$\text{Percentage of marks obtained in S1} = \frac{91}{100} \times 100 = 91\%$$

$$\text{Percentage of marks obtained in S2} = \frac{37}{100} \times 100 = 37\%$$

$$\text{Percentage of marks obtained in S3} = \frac{65}{100} \times 100 = 65\%$$

$$\text{Percentage of marks obtained in S4} = \frac{58}{100} \times 100 = 58\%$$

$$\text{Percentage of marks obtained in S5} = \frac{62}{100} \times 100 = 62\%$$

$$\text{Therefore, Overall percentage} = \text{Average of all percentages} = \frac{91 + 37 + 65 + 58 + 62}{5} = \frac{313}{5} = 62.6\%$$

SSC GD Free App

Question 58

What is the value of $(14 \div 49 - 3 \div \frac{7}{2} \text{ of } 5)$?

A $\frac{17}{35}$

B $\frac{4}{35}$

C $\frac{6}{35}$

D $\frac{7}{35}$

Answer: B

Explanation:

$$(14 \div 49 - 3 \div \frac{7}{2} \text{ of } 5) = (\frac{14}{49} - 3 \div \frac{7}{2} \times 5) = (\frac{2}{7} - 3 \times \frac{5}{2}) = \frac{2}{7} - \frac{15}{2} = \frac{2 - 105}{14} = \frac{-103}{14}$$

Question 59

The product of two numbers is 720. If their Least Common Multiple is 360, then what will be the Highest common Factor of these two numbers?

A 60

B 20

C 120

D 2

Answer: D

Explanation:

We know that, Product of two numbers = $LCM \times HCF$

Given, Product of two numbers = 720

LCM = 360

Then, $720 = 360 \times HCF$

$\Rightarrow HCF = 2$

Question 60

A person buys 25 kg of rice for ₹600 and sells them at a loss equal to the selling price of 5 kg rice. What will be the loss percentage?

- A 14.28%
- B 16.66%
- C 25%
- D 20%

Answer: B

Explanation:

Cost Price of 25 kg of rice = Rs.600

Then, Cost Price of 1 kg of rice = Rs.24

Given, Cost Price of 25 kg of rice - Selling Price of 25 kg of rice = Selling Price of 5 kg of rice

=> Cost Price of 25 kg of rice = Selling Price of 30 kg of rice

Here, Cost Price of 25 kg of rice = Rs.600

=> Selling Price of 30 kg of rice = Rs.600

Then, Selling Price of 1 kg of rice = Rs.20

Therefore, Loss percentage = $\frac{24 - 20}{24} \times 100 = \frac{4}{24} \times 100 = \frac{1}{6} \times 100 = 16.67\%$

SSC GD Important Questions and Answers PDF

Question 61

Height of a right circular cylinder is 12 cm. If the radius of its base is 21 cm, then what will be the curved surface area of the cylinder?

- A 1544 cm^2
- B 1584 cm^2
- C 1456 cm^2
- D 1632 cm^2

Answer: B

Explanation:

Height of the cylinder = 12 cm

Radius of its base = 21 cm

Curved surface area = $2\pi rh = 2 \times \frac{22}{7} \times 21 \times 12 = 1584 \text{ cm}^2$

Question 62

What is the value of $24 - [48 \div \{48 \times (48 \div (24 \times 24))\}]$?

- A 16
- B 12
- C 18
- D 20

Answer: B

Explanation:

$$24 - [48 \div \{48 \times (48 \div (24 \times 24))\}] = 24 - [48 \div 48 \times 12] = 24 - [48 \div 4] = 24 - 12 = 12$$

Question 63

If $\frac{X}{3} = \frac{Y}{5} = \frac{Z}{9}$, then what is the ratio of $X : Y : Z$?

- A 9 : 5 : 6
- B 3 : 5 : 6
- C 15 : 9 : 5
- D 3 : 5 : 9

Answer: D

Explanation:

$$\frac{X}{3} = \frac{Y}{5} = \frac{Z}{9}$$

Given, $\frac{X}{3} = \frac{Y}{5} = \frac{Z}{9}$

$$\frac{X}{3} = \frac{Y}{5}$$

$$\Rightarrow Y = \frac{5X}{3}$$

$$\frac{Y}{5} = \frac{Z}{9}$$

$$\Rightarrow Z = \frac{9Y}{5}$$

Therefore, $X : Y : Z = 3 : 5 : 9$

SSC GD Syllabus (Download PDF)

Question 64

Pipe X can fill a tank in 12 hours and pipe Y can fill the same tank in 36 hours. In how many hours both pipe X and pipe Y together can fill one-third part of the tank?

- A 9 hours
- B 3 hours
- C 15 hours
- D 27 hours

Answer: B

Explanation:

Let the total capacity of the tank be 36 units

Efficiency of Pipe X = $36/12 = 3$ units per hour

Efficiency of Pipe Y = $36/36 = 1$ unit per hour

Total efficiency of both the pipes = 4 units per hour

1

One-third capacity of the tank = $\frac{36}{3} = 12$ units

Then, 12 units can be filled in $12/4 = 3$ hours

Question 65

Average marks of 15 students of class first is 160. Average marks of 10 students of class second is 120. Average marks of 15 students of class third is 180. What will be the average marks of students of all the classes together?

- A 157.5
- B 162.5
- C 155.5
- D 167.5

Answer: A

Explanation:

Total marks of 15 students of class first = $15 \times 160 = 2400$

Total marks of 10 students of class second = $10 \times 120 = 1200$

Total marks of 15 students of class third = $15 \times 180 = 2700$

$$2400 + 1200 + 2700 = 6300$$

Therefore, Required average = $\frac{6300}{15 + 10 + 15} = \frac{6300}{40} = 157.5$

Question 66

A person purchases 36 articles for ₹360. How many articles must he sold for ₹360, so that the profit is 50%?

- A 18
- B 36
- C 24
- D 32

Answer: C

Explanation:

Cost Price of each article = $\frac{360}{36} = \text{Rs.}10$

Required profit = 50%

Then, Selling Price of each article = 150% of 10 = Rs.15

Then, For Rs.360, Number of articles to be sold are $\frac{360}{15} = \text{Rs.}24$

20 SSC GD Mocks 117 (Latest Pattern)

Question 67

A, B and C invest ₹14000, ₹18000 and ₹24000 respectively to start a business. If the profit at the end of the year is ₹25480, then what is total share of A and B?

- A ₹6370
- B ₹14560
- C ₹17290
- D ₹19110

Answer: B

Explanation:

Ratio of profits = Ratio of investments = 14000 : 18000 : 24000 = 7 : 9 : 12

Let the profit of A, B and C be Rs. 7x, Rs. 9x, Rs. 12x respectively.

Total profit = 7x + 9x + 12x = Rs. 28x

Given, 28x = 25480

Therefore, Profit of A and B together = Rs. 7x + 9x = Rs. 16x = $\frac{16 \times 25480}{28} = \text{Rs. } 14560$

Question 68

If S is 160% of T, then T will be what percent of S?

- A 85%
- B 62.50%
- C 65.20%
- D 70%

Answer: B

Explanation:

Given, S = 160% of T

$$\Rightarrow S = 100 \times \frac{160}{100} \times T$$

$$\Rightarrow T = \frac{100}{160} \times S$$

$$\Rightarrow T = \frac{5}{8} S$$

$$\frac{5}{8} = 62.5\%$$

Hence, T = 62.5% of S

Question 69

The table given below shows the production of rice and the area under rice cultivation of a country for 5 consecutive years Y1, Y2, Y3, Y4 and Y5.

Year	Rice Production (in 1000 kg)	Area Under Rice Cultivation (in 100 square meter)
Y1	520	130
Y2	570	190
Y3	680	150
Y4	720	180
Y5	850	170

What is the percentage change in the yield per square meter of Y5 as compared to Y1?

- A 33.33%
- B 25%
- C 20%
- D 37.5%

Answer: B

Explanation:

850

Yield per square meter of Y5 = $\frac{850}{170} = 5$

520

Yield per square meter of Y1 = $\frac{520}{130} = 4$

$5 - 4 = 1$

Therefore, Required percentage = $\frac{1}{4} \times 100 = 25\%$

SSC CPO Previous Question papers (download pdf)

Question 70

The table given below shows the production of rice and the area under rice cultivation of a country for 5 consecutive years Y1, Y2, Y3, Y4 and Y5.

Year	Rice Production (in 1000 kg)	Area Under Rice Cultivation (in 100 square meter)
Y1	520	130
Y2	570	190
Y3	680	150
Y4	720	180
Y5	850	170

What is the per year average production of rice?

- A 702000 kg
- B 644000 kg
- C 686000 kg
- D 668000 kg

Answer: D

Explanation:

$$\frac{520000 + 570000 + 680000 + 720000 + 850000}{5} = \frac{3340000}{5}$$

$$\text{Average production of rice} = \frac{3340000}{5} = 668000$$

Question 71

The ratio of two numbers is 14 : 25. If the difference between them is 264, then which is the smaller of the two numbers?

- A 316
- B 294
- C 336
- D 282

Answer: C

Explanation:

Let the two numbers be $14x$ and $25x$

Difference between the numbers = $25x - 14x = 11x$

Given, $11x = 264 \Rightarrow x = 24$

Then, Smallest number = $14x = 14 \times 24 = 336$

Question 72

What will be the average of 16, 17, 18, upto fifteen terms?

- A 23.5
- B 23
- C 26
- D 24

Answer: B

Explanation:

Sum of the terms in the series = $\frac{n}{2} \times [2a + (n - 1)d]$

where n = number of terms, a = first term, d = difference between any two terms.

Sum of the terms = $\frac{15}{2} \times [2 \times 16 + (15 - 1)1] = \frac{15}{2} \times (32 + 14) = \frac{15}{2} \times 46 = 15 \times 23 = 345$

Average = $\frac{345}{15} = 23$

SSC MTS Previous Question papers (download pdf)

Question 73

40 persons can repair a bridge in 12 days. If 8 more persons join them, then in how many days bridge can be repaired?

- A 11 days
- B 10 days
- C 9 days
- D 8 days

Answer: B

Explanation:

We know that $M_1 \times D_1 = M_2 \times D_2$ where M and D are Number of men and Number of days respectively.

Here, $M_1 = 40, D_1 = 12, M_2 = 40 + 8 = 48$

$40 \times 12 = 48 \times D_2$

$\Rightarrow D_2 = 10$

Question 74

A sum of ₹14000 is lent at compound interest (interest is compounded annually) for 3 years. If the rate of interest is 10%, then what will be the compound interest?

- A ₹4,634
- B ₹4,645
- C ₹4,364
- D ₹4,643

Answer: A

Explanation:

Given, Principal = Rs.14000

Rate of interest = 10%
Time period = 3 years

$$110 \quad 110 \quad 110$$

Amount including Compound Interest for 3 years = $100 \times 100 \times 100 \times 14000 = 1331 \times 14 = \text{Rs.}18634$

Compound Interest = Rs.18634 - Rs.14000 = Rs.4634

Question 75

The ratio of the marked price and the cost price of a pen is 3 : 2 while the ratio of marked price and selling price is 5 : 4. What is the profit percentage?

- A 20%
- B 24%
- C 25%
- D 16%

Answer: A

Explanation:

Given MP:CP=3:2

Multiplying 5 with numerator and denominator

MP:CP=15:10

MP:SP=5:4

Multiplying 3 with numerator and denominator

MP:SP=15:12

Therefore MP:CP:SP=15:10:12

CP=10x SP=12x

Profit % = $\frac{(12x-10x)}{10x} \times 100$

=20%

Free SSC Study Material (18,000 Solved Questions)

English

Instructions

For the following questions answer them individually

Question 76

Select the option that means the same as the given idiom.

To keep someone at arm's length.

- A To avoid someone
- B To be near someone
- C To disturb someone
- D To love someone

Answer: A

SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 77

Select the most appropriate word to fill in the blank.

You must hard to get the bestdeal.

- A navigate
- B neglect
- C negate
- D negotiate

Answer: D

Question 78

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 work on two projects are already going on which will connect Leh-Ladakh by railway line and air.

- A No improvement.
- B is already going on
- C is already go on
- D is already going up

Answer: B

Question 79

Select the word which means the same as the group of words given.

One who feeds on human flesh

- A Cannibal
- B Omnivorous
- C Vegan
- D Carnivorous

Answer: A

SSC Stenographer Previous Papers (Download PDF)

Question 80

Select the correctly spelt word.

- A Apelling
- B Appeeling
- C Appeling
- D Appealing

Answer: D

Question 81

Select the word which means the same as the group of words given.

One who makes an official examination of accounts

- A Controller
- B Supervisor
- C Auditor
- D Officer

Answer: C

Question 82

Select the synonym of the given word.

Forsake

- A Accept
- B Adopt
- C Adapt
- D Abandon

Answer: D

SSC GD Constable Previous Papers

Question 83

From the given options, identify the segment in the sentence which contains the grammatical error.

I would rather to go home than go to a restaurant for dinner.

- A than go to
- B I would
- C for dinner.
- D rather to go

Answer: D

Question 84

Select the most appropriate word to fill in the blank.

The adventurer in him cannot the call of the mountains.

- A respond
- B resist
- C restrain
- D restore

Answer: B

Question 85

From the given options, identify the segment in the sentence which contains the grammatical error.

It is a fact that you are known by me.

- A by me.
- B you are known
- C a fact
- D It is

Answer: A

SSC MTS Previous Papers (DOWNLOAD PDF)

Question 86

Select the synonym of the given word.

Favoured

- A Rejected
- B Preferred
- C Neglected
- D Trusted

Answer: B

Question 87

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.

Even children shrink away from food thinking that they should become overweight.

- A No improvement.
- B are become
- C were become
- D might become

Answer: D

Question 88

Select the most appropriate option to fill in the blank.

..... many cooks spoil the broth.

- A So
- B A few
- C Too
- D Few

Answer: C

SSC GD Constable Previous Papers (DOWNLOAD PDF)

Question 89

Select the correctly spelt word.

- A Mischeivous
- B Mischievious
- C Mischievous
- D Mischievous

Answer: D

Question 90

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.

You will be needing to complete all the pending work before it becomes unmanageable.

- A No improvement
- B would be needing
- C will be needed
- D will need

Answer: D

Question 91

Select the antonym of the given word.

Peculiar

- A Usual
- B Quiet
- C Strange
- D Sacred

Answer: A

SSC CGL Previous Papers (DOWNLOAD PDF)

Question 92

Select the option that means the same as the given idiom.

To be at home.

- A To be at ease
- B To be casual
- C To be formal
- D To be perplexed

Answer: A

Question 93

From the given options, identify the segment in the sentence which contains the grammatical error.
Ritesh is best than many other boys in his class.

- A than many
- B in the class.
- C other boys
- D Ritesh is best

Answer: D

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given.

Passage:

The last one in this long procession of silent men and women was a thin old man. Even (1)..... carried a load of two baskets, slung on a pole on his (2)..... In one basket there were (3)..... pots. The other basket it seemed there was a quilt, extremely (4)..... and patched, but clean still. (5)..... the load was light, it was too much for the old man.

Question 94

Select the most appropriate option that will fill in the blank number 1.

- A they
- B it
- C he
- D she

Answer: C

SSC CGL Free Mock Test (Latest Pattern)

Question 95

Select the most appropriate option that will fill in the blank number 2.

- A head
- B neck
- C hand
- D shoulder

Answer: D

Question 96

Select the most appropriate option that will fill in the blank number 3.

- A one
- B some
- C any

D none

Answer: B

Question 97

Select the most appropriate option that will fill in the blank number 4.

A ragged

B beautiful

C shining

D new

Answer: A

SSC CHSL Free Mock Test (Latest Pattern)

Question 98

Select the most appropriate option that will fill in the blank number 5.

A Although

B Because

C Since

D But

Answer: A

Instructions

For the following questions answer them individually

Question 99

Select the antonym of the given word.

Ruthless

A Humble

B Merciless

C Careful

D Kind

Answer: D

Question 100

Select the most appropriate option to fill in the blank.

All good things come to an end

A must

B ought

C shall not

D have not

Answer: A

[SSC Stenographer Previous Papers \(Latest Pattern\)](#)

[SSC GD Free App](#)

[SSC GD Important Questions and Answers PDF](#)

[SSC GD Syllabus \(Download PDF\)](#)

[20 SSC GD Mocks 117 \(Latest Pattern\)](#)

[SSC CPO Previous Question papers \(download pdf\)](#)

[SSC MTS Previous Question papers \(download pdf\)](#)

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

[SSC CHSL Previous Papers \(DOWNLOAD PDF\)](#)

[SSC Stenographer Previous Papers \(Download PDF\)](#)

[SSC GD Constable Previous Papers](#)

[SSC MTS Previous Papers \(DOWNLOAD PDF\)](#)

[SSC GD Constable Previous Papers \(DOWNLOAD PDF\)](#)

[SSC CGL Previous Papers \(DOWNLOAD PDF\)](#)

[SSC CGL Free Mock Test \(Latest Pattern\)](#)

[SSC CHSL Free Mock Test \(Latest Pattern\)](#)

[SSC Stenographer Previous Papers \(Latest Pattern\)](#)

[SSC GD Constable Free Mock Test \(Latest Pattern\)](#)

SSC MTS Free Mock Test (Latest Pattern)

SSC CPO Free Mock Test (Latest Pattern)

SSC GD Free Videos (Youtube)