



## SSC GD 7th March 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](mailto:support@cracku.in)

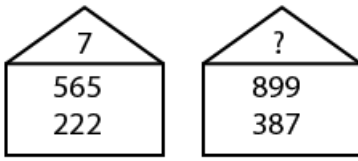
## Reasoning

### Instructions

For the following questions answer them individually

### Question 1

Find the missing number from the below options.



- A 8
- B 9
- C 11
- D 6

Answer: A

### Explanation:

$$565 - 222 = 343 = 7^3$$

$$899 - 387 = 512 = 8^3$$

Hence Missing number is 8.

**SSC GD Free App**

### Question 2

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

0.24 : 0.0024 :: 3.03 : ?

- A 3.030
- B 0.303
- C 30.30
- D 0.0303

Answer: D

### Explanation:

Logic of the question is to divide the first number by 100 to get the second number

$$0.24 \div 100 = 0.0024$$

$$\text{Similarly, } 3.03 \div 100 = 0.0303$$

Hence, Option D is correct 0.0303

### Question 3

Five people Palak, Karol, Risha, Saloni and Tisha are travelling in a car. The car has two seats in the front and three at the back. Risha is driving the car. Palak wants to sit at one of the window seats at the back of the car. Tisha wants to sit next to Palak. Karol hates Tisha and will not sit with Tisha. Who is sitting next to the driver?

- A Karol

- B Tisha
- C Can't be determined
- D Saloni

Answer: A

Explanation:



Hence, As per diagram Karol will be the Next to Driving person.

Question 4

Select the correct option that will fill in the blank and complete the series.

45, 49, 58, 74, .....

- A 92
- B 88
- C 99
- D 98

Answer: C

Explanation:

$$45 - 49 = 4(2^2)$$

$$49 - 58 = 9(3^2)$$

$$58 - 74 = 16(4^2)$$

Hence Next number will  $(5^2) = 25 + 74 = 99$

Hence Option C = 99 is right option.

## SSC GD Important Questions and Answers PDF

Question 5

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

- A Bottle
- B Bucket
- C River
- D Jar

Answer: C

Explanation:

Bottle, Bucket, Jar are having small amount of water as compared to River has large amount of water.

Hence River is a odd option.

### Question 6

Select the correct option that will fill in the blank and complete the series.

35, 40, 55, 80, 115, ?

- A 155
- B 170
- C 165
- D 160

**Answer: D**

### Explanation:

35, 40, 55, 80, 115, ?

The number series is as follows:-

$$35 - 40 = 5$$

$$40 - 55 = 15$$

$$55 - 80 = 25$$

$$80 - 115 = 35$$

(Next number should be 45) Hence  $115 - 45 = 70$

### Question 7

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 to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

### Statements:

Some cows are deer.

Some deer are fishes.

### Conclusion:

I. Some cows are fishes.

II. Some fishes are cows.

- A Either conclusion I or II follows
- B Neither conclusion I nor II follows
- C Only conclusion I follows
- D Only conclusion II follows

**Answer: B**

### Explanation:



### Conclusion:

I. Some cows are fishes- False. As Cow circle is not intersecting with fishes.

II. Some fishes are cows- False. As fishes circle is not intersecting with Cows.

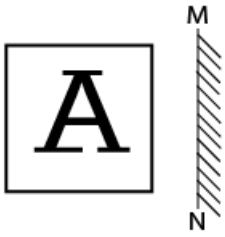
As both condition are false.

Hence **Neither** Conclusion I **Nor** Conclusion II will follows.

## SSC GD Syllabus (Download PDF)

### Question 8

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

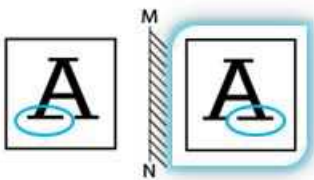


Answer: C

### Explanation:

A's Feet in Question image is bigger. In Mirror Image it should be Opposite side.

Hence Option C is correct Option

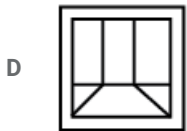
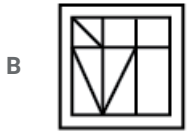
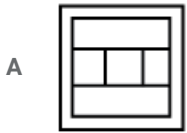


### Question 9

Choose the option figure in which the problem figure is hidden/embedded

Question Figures:



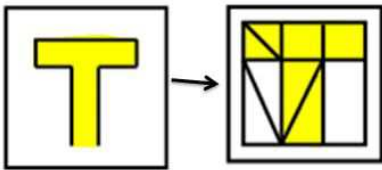


Answer: B

Explanation:

Correct Option is B.

The Image Question "T" like Image is incrimed inside the image B.



Question 10

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

Statements:

All pencils are houses.

All houses are eraser.

Conclusions:

I. Some pencils are eraser.

II. Some erasers are pencils.

III. All erasers are pencils.

A Only I and II follow

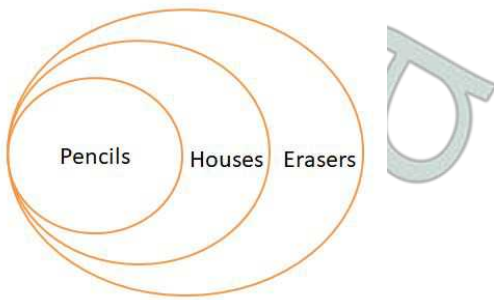
B None follows

C Only II follows

D All follow

Answer: A

Explanation:



I. Some pencils are eraser.- True

II. Some erasers are pencils - True.

III. All erasers are pencils - False.

Hence Only conclusion I and II Follows

## 20 SSC GD Mocks 117 (Latest Pattern)

### Question 11

Select the related word pair from the given alternatives.

Poet : Poem :: ..... : .....

A Paragraph : Lyrics

B Maths : literature

C Author : Book

D Instrument : Video

Answer: C

#### Explanation:

Poet Writes a Poem. Similarly, Author writes a Book.

All other option other than C are not appropriate as per the theme.

Hence Option C is right option.

### Question 12

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

BDGK: CEHL :: ????: DFIM

A CEHL

B CEHM

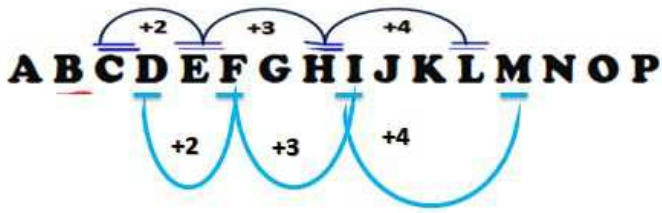
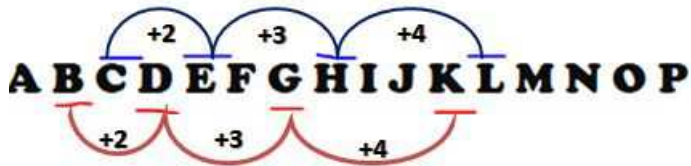
C EGJN

D EGHI

Answer: A

#### Explanation:

BDGK: CEHL :: CEHL : DFIM .



Hence Option A is correct Option.

**Question 13**

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

ACEG : BDFH :: CEGI : ?

- A EGIK
- B DFHJ
- C DHIK
- D EGIH

**Answer: B**

**Explanation:**

ACEG : Each letter has +2 alphabet in next letter

$A + 2 = C$  ;

$C + 2 = E$  ;

$E + 2 = G = ACEG$

for finding Next series first letter  $A + 1 = B$  ;

$B + 2 = D$  ;

$D + 2 = F$  ;

$F + 2 = H = BDFH$

for finding Next series take first letter  $B + 1 = C$  ;

$C + 2 = E$  ;

$E + 2 = G$  ;

$E + 2 = I = CEGI$

Similarly,

For finding Next series take first letter  $C + 1 = D$  ;

$D + 2 = F$  ;

$F + 2 = H$  ;

$H + 2 = J$  ;

Hence DFHJ is correct Option.

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



Question 14

A is 15<sup>th</sup> from the front in a column of boys. There were thrice as many behind him as there were in front. How many boys are there between A and the 7<sup>th</sup> boy from the end of the column?

- A 35
- B 40
- C 33
- D 34

Answer: A

Explanation:

As given in question Total Boys from front is 15.

$$15 - 1 = 14$$

$$14 \times 3 = 42$$

$$42 - 7 = 35^{\text{th}} \text{ from beginning}$$

Question 15

If B is coded as 9, F is coded as 3, Q is coded as 2, D is coded as 8, T is coded as 1, M is coded as 6, and K is coded as 7, then what is the coded form of FBMKQT?

- A 396127
- B 396721
- C 369127
- D 369172

Answer: B

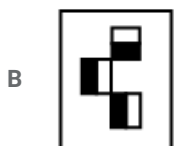
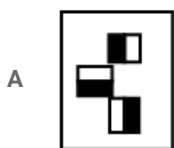
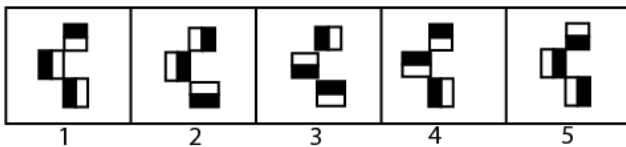
Explanation:

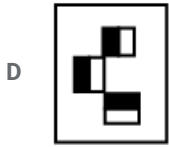
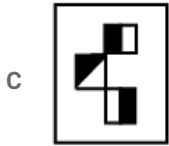
FBMKQT code will be 396721.

Question 16

Choose the option which come next in the given figure series.

Problem Figures:





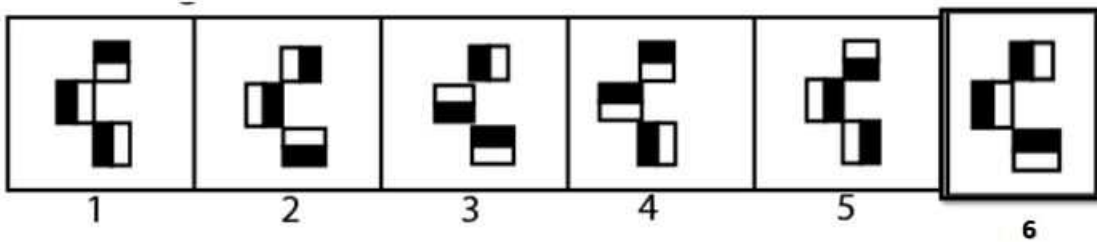
Answer: D

**Explanation:**

First and Second Image in Question has similarity, First Image and Second Image has Opposite side shaded of boxes.

Similarity Third and Fourth box has shaded inside the box is Opposite side.

Hence Option D is right Option.



**SSC MTS Previous Question papers (download pdf)**

**Question 17**

Four options have been given out of which three are alike in some manner, while one is different. Choose the odd one.

A 426

B 336

C 257

D 359

Answer: D

**Explanation:**

Addition of First and second digit of number forms the 3rd digit.

$$426(4 + 2 = 6)$$

$$336(3 + 3 = 6)$$

$$257(2 + 5 = 7)$$

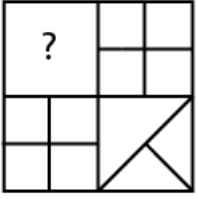
But Option D is incorrect.

$$359(3 + 5 = 8.... \text{As, } 3 + 5 \text{ can't be } 9)$$

Question 18

Which of the following answer figure will complete the given figure?

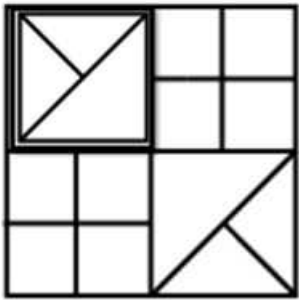
Question Figures:



Answer: D

Explanation:

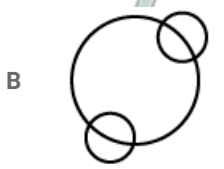
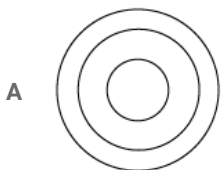
The correct answer is figure of Option D.

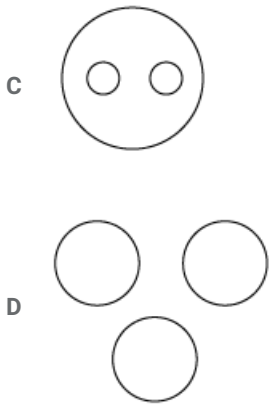


Question 19

The question below has three items having certain relationship among them. The same relationship is expressed by sets of circles, each circle representing one item irrespective of its size. Match the items with right set of circles.

Apples, Mangoes, Oranges





Answer: D

**Explanation:**

The same relationship = Three equal/same circle representing for each Apple, Mango, Orange respectively.

Hence Option D Figure is correct.

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

Question 20

Select the correct option that will fill in the blank and complete the series.

MaN, SaH, YaB, .....

A EaV

B RaC

C TaD

D FaV

Answer: A

**Explanation:**

MaN, SaH, YaB,....

Logic of is to arrange the first and third letters in order then in reverse and choose the corresponding letters. Second letter a is common in every word.

Hence correct option will be **EaV**



Question 21

In a certain code, DHONI is written as AELKF. How is EXPOSE written in that code?

A BUMLPB

B BUNLPB

C BUMLQB

D BVMLPB

Answer: A

**Explanation:**

The coding pattern of word 'DHONI' is,

D -3 = A

H -3 = E

O -3 = L

N -3 = K

I -3 = F

Similarly we will decode EXPOSE word,

E -3 = B

X -3 = U

P -3 = M

O -3 = L

S -3 = P

E -3 = B

Hence Option A is correct Option.

**Question 22**

Five chairs C1, C2, C3, C4 and C5 are placed one above the other. If C1 is above C2, C3 is above C4 but below C5 and C4 is above C1, which chair is in the middle?

A C1

B C2

C C3

D C4

**Answer: D**

**Explanation:**

Correct Sequence of chairs will be from top to bottom C3 - C5 - C4 - C1 - C2. Hence Chair 4 will be middle chair in Sequence.

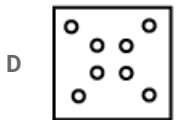
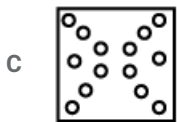
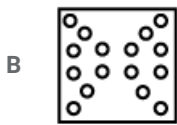
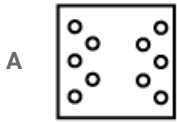
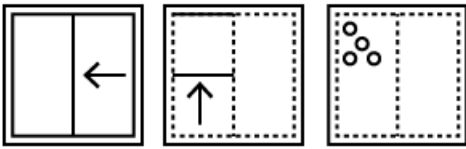
- C3
- C5
- C4
- C1
- C2

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

Question 23

A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, how will it appear when opened?

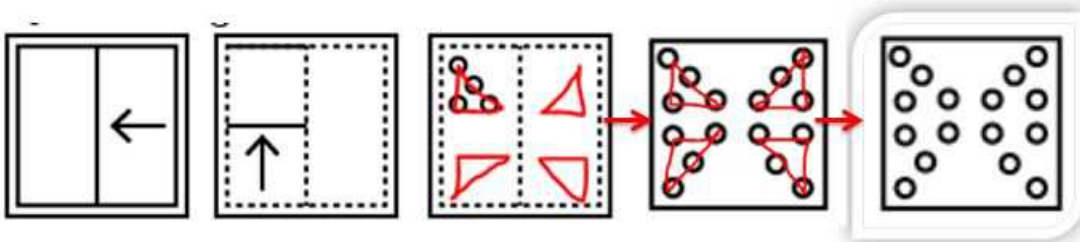
Question Figures:



Answer: B

Explanation:

If u connect all dots on paper. If we form a imaginary picture of a small triangle. Hence 4 side of folded paper = 4 triangles on opened paper.



Hence **Option B** is correct Image formed.

Question 24

Four letter clusters have been given out of which three are alike in some manner, while one is different. Choose the odd one.

A QSW

B LNR

C FHL

D NPR

Answer: D

Explanation:

Lets check sequence of with respect to Alphabetic Series.

$$QSW - Q + 2 = S, S + 4 = W$$

$$LNR - L + 2 = N, N + 4 = R$$

$$FHL - F + 2 = H, H + 4 = L$$

But in Last Option D sequence is not matching.

$$NPR - N + 1 = P, P + 3 = R$$

Hence Option D is NPR odd one.

#### Question 25

If 'P' means 'subtracted from', 'X' means 'multiplied by', 'Y' means 'added to', and 'Z' means 'Divided by', then:  
 $54 Z 3 Y 22 X 5 = ?$

A 135

B 128

C 110

D 144

**Answer: B**

**Explanation:**

$$54 Z 3 Y 22 X 5 = ?$$

Let's input all the sign one by one.

$$54 \div 3 + 22 \times 5 = ?$$

$$18 + 110 = ?$$

$$128 = x$$

Hence Option B=128 is correct option.

## SSC Stenographer Previous Papers (Download PDF)

### General knowledge

#### Instructions

For the following questions answer them individually

#### Question 26

Each water molecule, contains ..... hydrogen atoms and one Oxygen atom.

A Two

B Three

C One

D Four

**Answer: A**

## SSC GD Constable Previous Papers

**Question 27**

**Which type of soil develops deep cracks during hot weather?**

- A Yellow soil
- B Laterite soil
- C Alluvial soil
- D Black soil

**Answer: D**

**Question 28**

**Pashmina is a fine type of wool which were first woven in which state of India?**

- A Uttar Pradesh
- B Punjab
- C Jammu & Kashmir
- D Himachal Pradesh

**Answer: C**

**Question 29**

**Who was the president of Muslim League in 1930?**

- A Muhammad Iqbal
- B Syed Ahmed Khan
- C Muhammad Ali Jinnah
- D Shaukat Ali

**Answer: A**

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

**Question 30**

**Which of the following cartoonist is best known for his creation of common man?**

- A Shekhar Gurera
- B Sudhir Tailang
- C Kutty
- D R.K.Laxman

**Answer: D**

**Question 31**

**Which village has shown that it is possible to reverse land degradation?**



- A Bhandardara
- B Majuli
- C Katarmal
- D Sukhomajri

**Answer: D**

**Question 32**

Which was the first Indian Satellite named after Indian mathematician launched in 1975 by the Soviet Union?

- A INSAt 1A
- B Bhaskara Segal
- C Rohini RS-D1
- D Aryabhata

**Answer: D**

**SSC GD Constable Previous Papers (DOWNLOAD PDF)**

**Question 33**

In which year did the Khilafat Movement start?

- A 1922
- B 1923
- C 1920
- D 1921

**Answer: C**

**Question 34**

The Gateway of India is located in:

- A Kolkata
- B Delhi
- C Mumbai
- D Bengaluru

**Answer: C**

**Question 35**

The Bhoodan – Gramdan movement was initiated by:

- A Maneka Gandhi
- B Medha Patkar

- C Vinoba Bhave
- D Baba Amte

**Answer:** C

## SSC CGL Previous Papers (DOWNLOAD PDF)

### Question 36

Which of the following is a popular name of bio gas?

- A Uranium
- B Petroleum
- C Gobar gas
- D Coal

**Answer:** C

### Question 37

Which of the following is a non-constitutional body of India?

- A Finance Commission
- B State Human Right Commission
- C National Commission
- D Election Commission

**Answer:** B

### Question 38

Which dam is built on the Narmada River?

- A Adhia Dam
- B Hirakud Dam
- C Sardar Sarovar Dam
- D Tehri Dam

**Answer:** C

## SSC CGL Free Mock Test (Latest Pattern)

### Question 39

In which colour is a solar cooker painted from the outside?

- A Green
- B Blue
- C Black

D Red

Answer: C



**Question 40**

Which state has the highest per capita income as per year 2017-18?

A Mizoram

B Bihar

C Maharashtra

D Kerala

Answer: C

**Question 41**

In which Indian state is Dabu printing practiced, which involves applying earth in delicate patterns to cloth and then dipping in dye?

A Rajasthan

B Orissa

C Andhra Pradesh

D Assam

Answer: A

## SSC CHSL Free Mock Test (Latest Pattern)

**Question 42**

Viswanathan Anand was awarded the Padma Vibushan award in which year?

A 2011

B 2008

C 2010

D 2009

Answer: B

**Question 43**

Which of the following terms in our preamble means behaving as if we are members of the same family?

A Justice

B Democracy

C Fraternity

D Equality

Answer: C

**Question 44**

'Gella-Chutt' is an indigenous game associated with the state of:

- A Mizoram
- B Assam
- C Tripura
- D Arunachal Pradesh

**Answer: C**

## SSC Stenographer Previous Papers (Latest Pattern)

**Question 45**

Changing party allegiance from the party with which a person got elected to a different party is called:

- A defection
- B separation
- C party whip
- D alliance building

**Answer: A**

**Question 46**

Identify the neighbouring country which has been performing better in terms of human development than India.

- A Bangladesh
- B Nepal
- C Sri Lanka
- D Pakistan

**Answer: C**

**Question 47**

The book 'Wings of Fire' is authored by:

- A Salman Rushdie
- B A.P.J Abdul Kalam
- C R.K Narayan
- D Vikram Seth

**Answer: B**

## SSC GD Constable Free Mock Test (Latest Pattern)

**Question 48**

In which year was the Rural Employment Generation Programme launched?

- A 1993
- B 1995
- C 1992
- D 1994

**Answer: B**

**Question 49**

Who won the gold medal at Women's National Boxing Championships in 2019?

- A Ragini Upadhyay
- B Nikhat Zareen
- C Manju Rani
- D Pinki Rani Jangra

**Answer: C**

**Question 50**

The rajas of the Mahajanpadas built forts as they provided .....

- A Mutability
- B Security
- C Marketability
- D Transportability

**Answer: B**

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

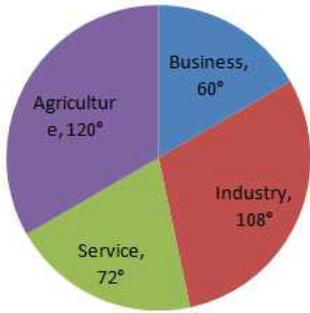
**Quant**

**Instructions**

For the following questions answer them individually

Question 51

DIRECTION: The population of a city is 8000. They have various types of occupation which is given below by the pie-chart. Study the pie-chart and answer the given questions.



How much percent are in service sector from the total population?

- A 36%
- B 20%
- C 72%
- D 25%

Answer: B

Explanation:

In service sector 72 degrees of share i.e

360 degrees=100

72 degrees= $72 \times 100 / 360$

=20%

SSC CPO Free Mock Test (Latest Pattern)

Question 52

The ratio between two numbers is 7 : 16. If the second number is 256 then the first number is:

- A 120
- B 156
- C 112
- D 144

Answer: C

Explanation:

Given  $7:16=x:256$

$x = 256 \times 7 / 16$

$x = 112$

Question 53

30 persons can do a piece of work in 24 days. How many more people are required to complete the work in 20 days?

- A 8
- B 5
- C 4

D 6

Answer: D

**Explanation:**

Total work =  $30 \times 24$  men days

let the number of days be  $x$

$$20 \times x = 30 \times 24$$

$$x = 36 \text{ days}$$

So  $36 - 30 = 6$  more people are required

**Question 54**

What is the arithmetic mean of first 8 multiples of 13?

A 55.4

B 58.5

C 72.5

D 61.8

Answer: B

**Explanation:**

$$\text{Sum} = 13 + 26 + \dots + 104$$

$$= 13(1 + 2 + \dots + 8)$$

$$= 13 \times 8 \times 9 / 2$$

$$\text{Average} = 13 \times 8 \times 9 / 16$$

$$= 58.5$$

SSC GD Free Videos (Youtube)

**Question 55**

If  $\frac{8x+3y}{4x+5y} = \frac{25}{23}$  then find  $x : y$ .

A 2 : 3

B 2 : 5

C 3 : 5

D 1 : 5

Answer: A

**Explanation:**

By applying componendo and dividendo we have  $(a/b) = (c/d)$  then  $(a+b)/(a-b) = (c+d)/(c-d)$

$$12x + 8y / 4x - 2y = 48 / 2$$

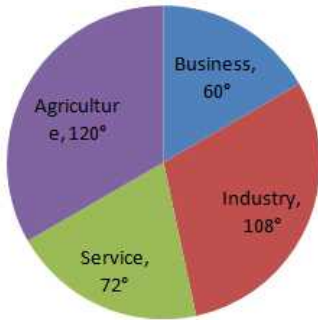
$$6x + 4y = 48x - 24y$$

$$28y = 42x$$

$$x : y = 2 : 3$$

Question 56

**DIRECTION:**The population of a city is 8000. They have various types of occupation which is given below by the pie-chart. Study the pie-chart and answer the given questions.



How much population percent is less in industry sector than in agriculture sector?

- A 10%
- B 25%
- C 15%
- D 20%

**Answer: A**

**Explanation:**

The share of industry sector=108 degrees  
The share of agriculture sector=120 degrees  
Percent greater= $\frac{(120-108)}{120} \times 100$   
=10%

Question 57

The marked price of an item is ₹ 900 but a retailer purchases it on 40% discount and sells it on ₹ 900. The percentage profit of the retailer is:

- A 60%
- B  $68\frac{1}{3}\%$
- C 40%
- D  $66\frac{2}{3}\%$

**Answer: D**

**Explanation:**

Given MP=900  
CP=900\*0.6  
CP=540  
Profit %= $\frac{(900-540)}{540} \times 100$   
= $66\frac{2}{3}\%$

**SSC GD Free App**

Question 58

The average of 6 values is 11.2. If 3 is multiplied to each number then what will be the new average?



- A 22.6
- B 14.6
- C 18.6
- D 33.6

**Answer: D**

**Explanation:**

In the case of averages if each term is multiplied with the same number then the average will also get multiplied with the same number and so  
 $11.2 \times 3 = 33.6$

**Question 59**

The speed of a boat in still water is 9 km/hr and the speed of stream is 3 km/hr. The difference between the upstream speed and downstream speed will be:

- A 6 km/hr
- B 5 km/hr
- C 3.5 km/hr
- D 7.5 km/hr

**Answer: A**

**Explanation:**

Speed in upstream =  $9 - 3 = 6$  km/hr  
 Speed in downstream =  $9 + 3 = 12$  km/hr  
 Difference = 6 km/hr

**Question 60**

Two concentric circles with radii  $p$  cm and  $(p + 2)$  cm are drawn on a paper. The difference between their areas is 44 sq. cm. What is the value of  $p$ ? (Take  $\pi = \frac{22}{7}$ )

- A 1.5
- B 5
- C 6
- D 2.5

**Answer: D**

**Explanation:**

Given  $\pi R^2 - \pi r^2 = 44$   
 $R^2 - r^2 = 14$   
 $R = p + 2, r = p$   
 $R - r = 2$   $R + r = 2p + 2$   
 $(R + r)(R - r) = 14$   
 $2p + 2 = 7$   
 $p = 2.5$

**Question 61**

$\frac{4}{7}$  of  $\frac{8}{9} \div \frac{8}{7} \times 180$  of  $\frac{1}{9} = ?$

- A  $\frac{20}{9}$
- B  $\frac{9}{20}$
- C  $\frac{80}{9}$
- D  $\frac{9}{80}$

**Answer: C**

**Explanation:**

By using BODMAS we have

$= (\frac{32}{63}) \div (\frac{8}{7}) \times 20$

$= (\frac{32}{63}) \times (\frac{7}{8}) \times 20$

$= (\frac{4}{9}) \times 20$

$= \frac{80}{9}$

**Question 62**

If cost prices of 100 note books is same as selling price of 80 note books. What is the percent gain ?

- A 15%
- B 30%
- C 25%
- D 20%

**Answer: C**

**Explanation:**

Given 100 CP=80 SP

$SP = (1.25)CP$

Therefore 25% profit

**Question 63**

The amounts of ₹ 7500 at compound interest at 4% per annum for 2 years, is:

- A ₹8100
- B ₹8082
- C ₹7800
- D ₹8112

**Answer: D**

**Explanation:**

Amount =  $P(1 + \frac{R}{100})^n$

$= 7500(1 + \frac{4}{100})^2$

$= 8 * 26 * 26$

$= \text{Rs } 8112$

## SSC GD Syllabus (Download PDF)

### Question 64

21% of a number is 546. What will be 89% of that number?

- A 900
- B 2116
- C 1200
- D 2314

**Answer: D**

### Explanation:

let the number be  $x$

$$0.21x = 546$$

$$x = 546 / 0.21$$

$$0.89x = 0.89 * 546 / 0.21$$

$$= 2314$$

### Question 65

A person bought an item and sold it at a loss of 5%. If he had bought it for 10% less and sold it for ₹ 170 more, he would have had a profit of 20%. Find the cost price of this item. (nearest to ₹1)

- A ₹1440
- B ₹1308
- C ₹1300
- D ₹1500

**Answer: B**

### Explanation:

let CP =  $x$

$$SP = 0.95x$$

$$\text{New CP} = 0.9 * x$$

$$\text{New SP} = 0.95x + 170$$

profit = 20%

$$0.95x + 170 = 1.2(0.9x)$$

$$0.13x = 170$$

$$x = 1307.6$$

$$x = \text{Rs } 1308$$

### Question 66

A pipe can fill a cistern in 20 minutes where as the cistern when full can be emptied by a leak in 28 minutes. When both are opened, The time taken to fill the cistern is:

- A 80 min
- B 70 min
- C 60 min
- D 48 min

**Answer: B**

**Explanation:**

Time taken to fill the cistern full when both are open is  $(1/x) = (1/20) - (1/28)$

$$(1/x) = (7-5)/140$$

$$x = 70 \text{ min}$$

## 20 SSC GD Mocks 117 (Latest Pattern)

**Question 67**

A certain sum amounts to ₹ 756 in 2 years and to ₹ 873 in  $3\frac{1}{2}$  years at a certain rate of simple interest. The rate of interest per annum is:

- A 11%
- B 13%
- C 10%
- D 12%

**Answer: B**

**Explanation:**

$$P \times 2 \times R / 100 = 756$$

$$P \times 7 \times R / 200 = 873$$

Difference gives interest for 1 and half years =  $873 - 756 = 117$

$$\text{For 1 year interest} = 117 \times 2/3$$

$$= 78$$

$$\text{For 2 years interest} = 78 \times 2 = 156$$

$$P + I = A$$

$$P + 156 = 756$$

$$P = 600$$

Substituting in 1st equation we get  $600 \times 2 \times R / 100 = 756$

$$R = 13\%$$

**Question 68**

A square with maximum possible side is drawn in a circle of radius 12 cm. What is the area of square?

- A 288 sq. cm
- B 72 sq. cm
- C 184 sq. cm
- D 276 sq. cm

**Answer: A**

**Explanation:**

The maximum possible side of a square that can be inscribed in a circle will have the diameter of the circle equal to the diagonal of the square.

So given radius = 12 cm

$$d = 2r$$

$$d = 24 \text{ cm}$$

Diagonal of the square = 24 cm

$$\text{Area of a square with 'd' as diagonal length} = d^2 / 2$$

$$= 24 \times 24 / 2$$

$$= 288 \text{ sq cm}$$

**Question 69**

Divide 500 into two parts such that the ratio of one to the other are in 5 : 3?

- A 312.5, 187.5
- B 308.5, 191.5
- C 280, 220
- D 300, 200

**Answer:** A

**Explanation:**

let both be  $5x$  and  $3x$

$$8x=500$$

$$x=500/8$$

$$5x=312.5$$

$$3x=187.5$$

**SSC CPO Previous Question papers (download pdf)**

**Question 70**

What value should come in place of the question mark (?) in the following questions?

$$31 \div 3 \times 15 = ?$$

- A 180
- B 140
- C 165
- D 155

**Answer:** D

**Explanation:**

By applying BODMAS we have

$$(31/3) \times 15$$

$$=31 \times 5$$

$$=155$$

**Question 71**

The speed of a ship in still water is 5 km/hr and the speed of the stream is 2km/hr. Rohan rows to place at a distance of 21 km and comes back to the starting point. The total time taken by him is:

- A 7.2 hours
- B 10 hours
- C 3.6 hours
- D 6 hours

**Answer:** B

**Explanation:**

Speed of upstream =  $5-2=3$  km/hr

Speed of downstream =  $5+2=7$  km/hr

Total time of journey =  $(21/3) + (21/7)$   
= 7 + 3  
= 10 hours

**Question 72**

What is the greatest number that will divide 209 and 347 leaving remainder 5 and 7 respectively?

- A 34
- B 16
- C 19
- D 17

**Answer:** A

**Explanation:**

Given numbers are 209 and 347 and the remainders are 5 and 7 respectively  
HCF of 209-5, 347-7  
HCF of 204 and 340  
 $204 = 17 \times 2 \times 2 \times 3$   
 $340 = 17 \times 2 \times 2 \times 5$   
HCF =  $17 \times 2 = 34$

**SSC MTS Previous Question papers (download pdf)**

**Question 73**

The average of first 10 prime number is:

- A 13.1
- B 12.7
- C 12.9
- D 15.1

**Answer:** C

**Explanation:**

First ten prime numbers are 2, 3, 5, 7, 11, 13, 17, 19, 23 and 29  
Sum = 129  
Average =  $129/10$   
= 12.9

**Question 74**

The area of the cardboard needed to make a closed box of size 10 cm × 15 cm × 8 cm will be:

- A  $700 \text{ cm}^2$
- B  $350 \text{ cm}^2$
- C  $1000 \text{ cm}^2$
- D  $1390 \text{ cm}^2$

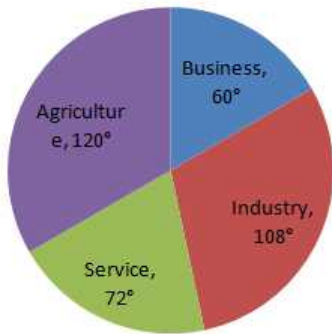
**Answer:** A

**Explanation:**

Total area of the card box i.e six faces of it= $2*15*8 + 2*10*15 + 2*8*10$   
= $240+300+160$   
= $700$  sq cm

**Question 75**

**DIRECTION:** The population of a city is 8000. They have various types of occupation which is given below by the pie-chart. Study the pie-chart and answer the given questions.



The ratio of people working in service to industry sectors respectively:

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

**Answer:** A

**Explanation:**

Total share of service sector=72 degrees  
Total share of industry sector=108 degrees  
Ratio=2:3

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

**English**

**Instructions**

For the following questions answer them individually

**Question 76**

Select the wrongly spelt word.

- A Existance
- B Experience
- C Eminent
- D Explanation

**Answer:** A

**SSC CHSL Prevoius Papers (DOWNLOAD PDF)**

**Question 77**

Select the most appropriate word to fill in the blank.  
A number of people ..... to watch the live performance last night.

- A gather
- B has gathered
- C has been gathered
- D gathered

**Answer: B**

**Question 78**

Select the antonym of the given word.  
Diminish

- A Decrease
- B Divide
- C Increase
- D Reduce

**Answer: A**

**Question 79**

Select the synonym of the given word.  
ACCOMPLISH

- A Fail
- B Hinder
- C Lose
- D Achieve

**Answer: D**

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

**Question 80**

Select the word which means the same as the group of words given.  
A mass of snow, ice, and rocks falling rapidly down a mountainside

- A Glacier
- B Avalanche
- C Iceberg
- D Landslide

**Answer: B**



**Question 81**

Select the meaning of the given idiom.

**Under a cloud**

- A under observation
- B enjoying favorable luck
- C experiencing cloudy weather
- D under suspicion

**Answer: C**

**Question 82**

Select the meaning of the given idiom.

**Get a kick out of**

- A Give up something
- B Enjoy something
- C Kick something
- D Predict something

**Answer: A**

## SSC GD Constable Previous Papers

**Instructions**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Passage:

An Italian town is offering to pay people up to €2000 to move there. The Mayor of the town has made the (1)..... in the hope of reversing (2)..... town's declining population. The population (3)..... small towns of Italy (4)..... to the big cities leaving (5)..... only the aged people. Some towns have been left with as little as twelve residents.

**Question 83**

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

- A present
- B offer
- C reward
- D gift

**Answer: D**

**Question 84**

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

- A some
- B one

C a

D the

**Answer: C**

**Question 85**

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

A at

B between

C from

D among

**Answer: B**

## SSC MTS Previous Papers (DOWNLOAD PDF)

**Question 86**

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

A transported

B migrated

C transferred

D immigrated

**Answer: B**

**Question 87**

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

A beyond

B below

C behind

D before

**Answer: D**

**Instructions**

For the following questions answer them individually

**Question 88**

Select the antonym of the given word.

**CONVICTED**

A Alleged

B Blamed

C Acquitted

D Charged

Answer: B

## SSC GD Constable Previous Papers (DOWNLOAD PDF)

Question 89

Select the wrongly spelt word.

A Encouragment

B Questionnaire

C Environment

D Performance

Answer: C

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 substitution required.

The escalator at the railway station is working again, thanks to the effort for our technicians.

A efforts of our technicians

B No substitution required

C efforts make by our technicians

D efforts from our technicians

Answer: A

Question 91

Select the most appropriate word to fill in the blank.

The bear didn't attack the lady because he was afraid ..... her.

A at

B of

C from

D for

Answer: B

## SSC CGL Previous Papers (DOWNLOAD PDF)

Question 92

Select the synonym of the given word.

APPARENT

A Hidden

- B Obvious
- C Latent
- D Concealed

Answer: B

**Question 93**

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

Last month, scientists are posting the latest pictures of Mars taken by the Mangalyaan.

- A No substitution required
- B posted
- C have been posting
- D will be posting

Answer: C

**Question 94**

Select the most appropriate word to fill in the blank.

He was ..... from jail only last month.

- A imprisoned
- B released
- C arrested
- D sent

Answer: D

## SSC CGL Free Mock Test (Latest Pattern)

**Question 95**

Identify the segment in the sentence which contains the grammatical error from the given options.

Before the President can start his speech, he was interrupted by his secretary.

- A by his secretary
- B can start
- C Before the
- D was interrupted

Answer: C

**Question 96**

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

His grandfather finds a tiny tiger-cub in the forest and brought him home.

- A bringing home
- B No substitution required
- C brings him home
- D has bring home

Answer: A

**Question 97**

Select the most appropriate word to fill in the blank.  
His proposal was not ..... to me.

- A accessible
- B acceptable
- C adapted
- D apparent

Answer: C

## SSC CHSL Free Mock Test (Latest Pattern)

**Question 98**

Select the word which means the same as the group of words given.  
One who loves mankind

- A Philanthropist
- B Misogamist
- C Misanthropist
- D Misogynist

Answer: A

**Question 99**

Identify the segment in the sentence which contains the grammatical error from the given options.  
The question that there is life on other planets baffles scientists.

- A The question that
- B there is life
- C baffles scientists
- D on other planets

Answer: A

**Question 100**

Identify the segment in the sentence which contains the grammatical error from the given options.  
The day he won the Grammy Award was red letter day in the singer's life.

- A in the singer's life.
- B he won
- C The day
- D was red letter day

**Answer: C**

**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 \(Youtube\)](#)**