



## SSC GD 21st Feb 2019 Shift-3

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

If A = 2 and D = 5, and SEA = 28, then COUNTRY = .....

- A 123
- B 132
- C 112
- D 121

Answer: A

### Explanation:

If A = 2 and D = 5, and SEA =  $20+6+2=28$

Then, COUNTRY =  $4 + 16 + 22 + 15 + 21 + 19 + 26 = 123$

=> Ans - (A)

**SSC GD Free App**

### Question 2

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

#### Statements:

- 1) All students in my class are active.
- 2) Rohini is not active.

#### Conclusions:

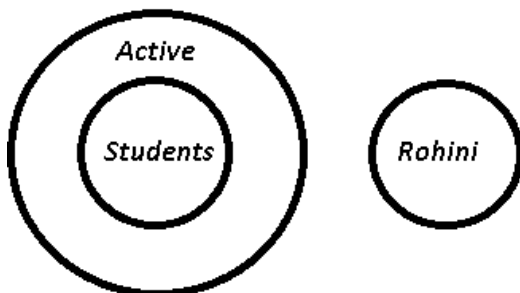
- I. Rohini is not a student of my class.
- II. Rohini must be active.

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

Answer: B

### Explanation:

The venn diagram for above statements is :



#### Conclusions:

- I. Rohini is not a student of my class = true
- II. Rohini must be active. = false

Thus, only conclusion I follows.

=> Ans - (B)

### Question 3

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

Lira, Dinar, Rupee

A Lisbon

B Cairo

C Rial

D Oslo

Answer: C

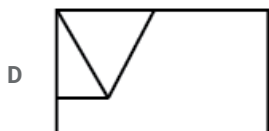
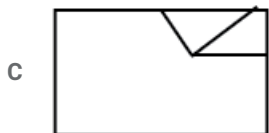
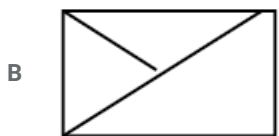
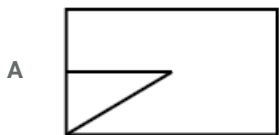
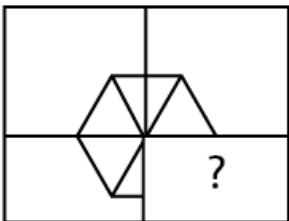
### Explanation:

Lira, Dinar and Rupee are all currencies of different countries, while in the options, only **Rial** is a currency of Saudi Arabia, rest are cities.

=> Ans - (C)

### Question 4

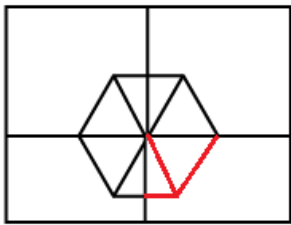
Select the correct option to complete the following pattern.



Answer: D

### Explanation:

If we complete the above figure, then the missing pattern is represented by the red colour.



=> Ans - (D)

## SSC GD Important Questions and Answers PDF

### Question 5

In the following number series, two numbers have been put within brackets. Study the series carefully and select the correct alternative with respect to the series.

0, 7, 26, 63, (124), 215, 342, (512)

- A The first bracketed number (from the left) is correct and the second is incorrect.
- B The first bracketed number (from the left) is incorrect and the second is correct.
- C Both the bracketed numbers are incorrect.
- D Both the bracketed numbers are correct.

Answer: A

### Explanation:

The pattern followed in above statements is  $n^3 - 1$ , where  $n$  is natural number.

In the first bracket number, i.e.  $124 = 5^3 - 1$

But,  $512 \neq 8^3 - 1$

Thus, the first bracketed number (from the left) is correct and the second is incorrect.

=> Ans - (A)

### Question 6

Select the option that most closely resembles the mirror image of the given word when the mirror is placed vertically.

UNION

- A NOINU
- B UИИOИ
- C ИOИИU
- D ИOИИИ

Answer: C

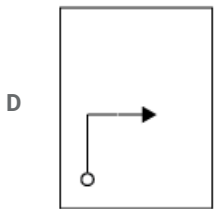
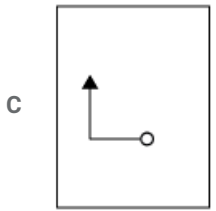
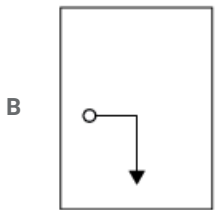
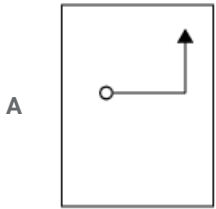
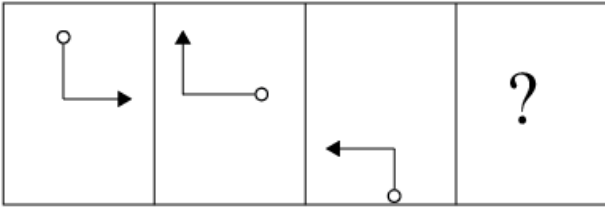
### Explanation:

When the mirror is placed vertically, the object at right will appear at left position and vice-versa. Thus, the letter 'U' at left will appear at right and since it's symmetrical, its shape will not be changed also, thus third is the correct option.

=> Ans - (C)

Question 7

Select the figure that will come next in the following series.



Answer: B

Explanation:

In the three figures given, the arrow has pointed to the right, top and left respectively, hence going by the symmetry, the only position left to face is the bottom one as shown in image in the second option.

=> Ans - (B)

**SSC GD Syllabus (Download PDF)**

Question 8

Select the number that DOES NOT belong to the following group.

0, 5, 12, 20, 32, 45

A 45

B 32

C 20

D 12

**Answer: C**

**Explanation:**

The numbers are of the form,  $(n^2 - 4)$

$$(2)^2 - 4 = 0$$

$$(3)^2 - 4 = 5$$

$$(4)^2 - 4 = 12$$

$$(5)^2 - 4 = 21 \neq 20$$

$$(6)^2 - 4 = 32$$

$$(7)^2 - 4 = 45$$

=> Ans - (C)

**Question 9**

In a private school, there were five teachers. Abi and Geetha were teaching French and English. Harini and Geetha were teaching English and Science. Diva and Abi were teaching Maths and French. Hema and Geetha were teaching Social Science and French. Which subject is taught by maximum number of teachers?

A Science

B Maths

C French

D English

**Answer: C**

**Explanation:**

Teachers who are teaching each subject are :

Science : Geetha, Harini

Maths : Divya, Abi

French : Abi, Geetha, Divya, Hema **[max]**

English : Abi, Geetha, Harini

=> Ans - (C)

**Question 10**

L, M, N and O are to be seated in a row. However, N and O cannot be together. Moreover, M cannot be in the third place from the left. L and M are sitting beside each other. Considering the seating from left to right which of the following must be true?

A N is at the third place.

B L is at the third place.

C N is at the first place.

D O is at the third place.

**Answer: B**

**Explanation:**

If L and M are sitting beside each other, and N and O cannot be together, thus L and M must sit together in the middle.

Also, M cannot be in the third place from the left, hence M sits at second place.

Final arrangement :

N/O	M	L	O/N
-----	---	---	-----

Thus, the only statement that must be true is that L is at the third place.

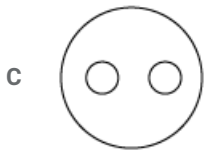
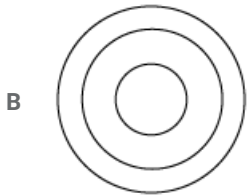
=> Ans - (B)

## 20 SSC GD Mocks 117 (Latest Pattern)

### Question 11

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

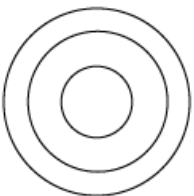
Animals, Reptiles, Snakes



Answer: B

#### Explanation:

All reptiles comes under the category of animals, while all snakes are reptiles, hence the venn diagram that best describes above relationship is :



=> Ans - (B)

### Question 12

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

A 250

- B 95
- C 159
- D 150

**Answer: C**

**Explanation:**

Apart from **159**, all numbers are divisible by 5, hence it is the odd one.

=> Ans - (C)

**Question 13**

Given is a statement, followed by four conclusions. Read the statement carefully and decide which of the conclusions logically follow(s) from the given statement.

**Statement:**

This book can help because all good books help.

**Conclusions:**

- I. This is not a good book.
- II. This is a good book.
- III. No good book helps.
- IV. Some good books help.

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

**Answer: C**

**Explanation:**

The given statement indicates that the given book can help as all good books help, which can definitely conclude that this is a good book.

The last two conclusions are not true as they are contradictory to the given statement.

Thus, only conclusion II follows.

=> Ans - (C)

## SSC CPO Previous Question papers (download pdf)

**Question 14**

Five friends are sitting in a circle, all facing the centre. Mohan is to the left of Raju. Vinith is to the right of Arjun and between Arjun and Naveen. Who is between Raju and Naveen?

- A Arjun and Vinith
- B Vinith
- C Arjun
- D Mohan

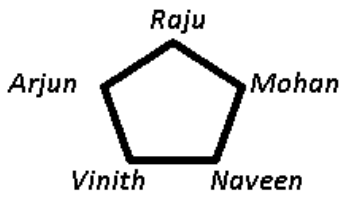
**Answer: D**

**Explanation:**

Vinith is to the right of Arjun and between Arjun and Naveen, => Vinith is to the immediate left of Naveen.

Mohan is to the left of Raju, => Mohan is sitting to the immediate right of Naveen.





∴ Mohan is between Raju and Naveen.

=> Ans - (D)

**Question 15**

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

- A Necklace
- B Bracelet
- C Jewellery
- D Anklet

**Answer:** C

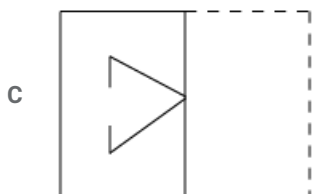
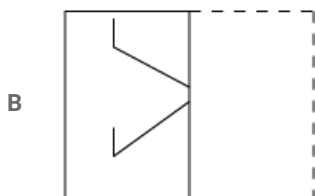
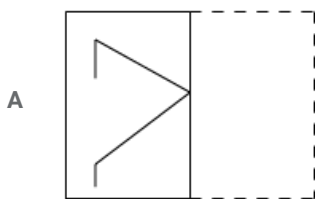
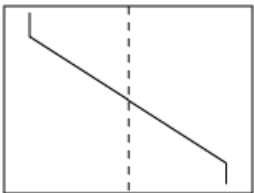
**Explanation:**

Necklace, Bracelet and Anklet are all types of jewellery, hence **jewellery** is the odd one.

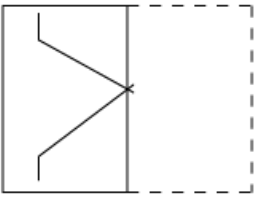
=> Ans - (C)

**Question 16**

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



D

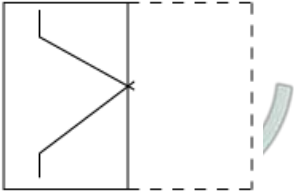


Answer: D

**Explanation:**

When the sheet is fold along the vertical dotted line, clearly, the image on the left initially will appear as it is, hence the first and third options are eliminated.

Also, the small vertical line at the right image will keep pointing downwards, hence last option is correct.



=> Ans - (D)

## SSC MTS Previous Question papers (download pdf)

**Question 17**

Which two signs need to be interchanged to make the given equation correct?

$$3 \div 2 - 4 \times 5 + 5 = 1$$

A + and  $\div$

B  $\times$  and  $-$

C  $\div$  and  $\times$

D + and  $-$

Answer: A

**Explanation:**

Expression :  $3 \div 2 - 4 \times 5 + 5 = 1$

(A) : + and  $\div$

L.H.S.  $\equiv 3 + 2 - 4 \times 5 \div 5$

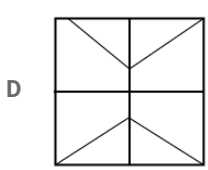
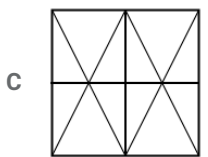
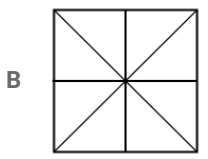
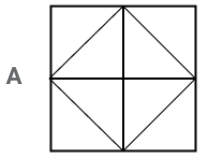
$= 5 - 4 = 1 = \text{R.H.S.}$

=> Ans - (A)

**Question 18**

Select the option in which the given figure is embedded.

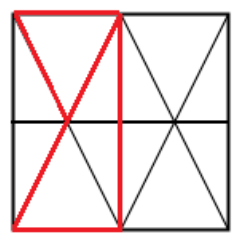




Answer: C

**Explanation:**

The question figure is embedded in following figure and is represented by red colour.



=> Ans - (C)

**Question 19**

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

Angle : Radian :: Mass : .....

- A Kilogram
- B Litre
- C Degree
- D Height

Answer: A

**Explanation:**

Second is the unit of first, angle is measured in radian, similarly unit of mass is **kilogram**.

=> Ans - (A)

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

**Question 20**

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

5, 22, 39, 56, .....

- A 89
- B 76
- C 73
- D 87

**Answer: C**

**Explanation:**

17 is added in all the terms

$$5 + 17 = 22$$

$$22 + 17 = 39$$

$$39 + 17 = 56$$

$$56 + 17 = \mathbf{73}$$

=> Ans - (C)

**Question 21**

**Identify the odd one from the following.**

- A dFh
- B gHj
- C uWy
- D rTv

**Answer: B**

**Explanation:**

(A) : d (+2 letters) = F (+2 letters) = h

(B) : g (+1 letter) = H (+2 letters) = j

(C) : u (+2 letters) = W (+2 letters) = y

(D) : r (+2 letters) = T (+2 letters) = v

=> Ans - (B)

**Question 22**

**If CENTRAL is coded as BFMUQBK, then FRIENDS will be coded as .....**

- A ESHEMER
- B ESHFMER
- C ESHENER
- D ESHFNER

**Answer: B**

**Explanation:**

CENTRAL is coded as BFMUQBK

The pattern followed is :

C	E	N	T	R	A	L
(-1)	(+1)	(-1)	(+1)	(-1)	(+1)	(-1)
B	F	M	U	Q	B	K

Similarly, for FRIENDS : ESHFMER

F	R	I	E	N	D	S
(-1)	(+1)	(-1)	(+1)	(-1)	(+1)	(-1)
E	S	H	F	M	E	R

=> Ans - (B)

## SSC CHSL Previous Papers (DOWNLOAD PDF)

### Question 23

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

- A Chef : Knife
- B Saw : Carpenter
- C Sculptor : Chisel
- D Doctor : Stethoscope

Answer: B

### Explanation:

In all the given pairs, except second, second item is used by the first person, while in second reverse is true, hence it is the odd one.

=> Ans - (B)

### Question 24

Select the option that is related to the third number in the same way as the second number is related to the first number.  
7 : 50 :: 13 : ?

- A 160
- B 144
- C 170
- D 169

Answer: C

### Explanation:

Expression = 7 : 50 :: 13 : ?

The pattern followed is =  $x : x^2 + 1$

Eg :-  $7^2 + 1 = 50$

Similarly,  $(13)^2 + 1 = 169 + 1 = 170$

=> Ans - (C)

### Question 25

Select the term that will come next in the following series.  
YCL, MQZ, ZDM, NRA, ....., OSB

- A AEN
- B BFQ
- C ADM
- D BEM

**Answer:** A

**Explanation:**

Expression : YCL, MQZ, ZDM, NRA, ....., OSB

The pattern followed in alternate terms is that each letter of the terms is replaced by next succeeding alphabet.

Odd terms : YCL (+1) = ZDM (+1) = **AEN**

Even terms : MQZ (+1) = NRA (+1) = OSB

Thus, missing term : **AEN**

=> Ans - (A)

## SSC Stenographer Previous Papers (Download PDF)

### General knowledge

**Instructions**

For the following questions answer them individually

**Question 26**

**Which of the following statements about 'Biological Magnification' is FALSE?**

- A Its maximum concentration is at the top level of the food chain.
- B Its maximum concentration is at the bottom level of the food chain.
- C It differs depending on the level of ecosystem.
- D The chemicals enter the food chain through absorption from water or soil.

**Answer:** B

## SSC GD Constable Previous Papers

**Question 27**

**The first Mughal emperor, Babur came to India from:**

- A Syria
- B Greece
- C Ferghana
- D Persia

**Answer:** C

**Question 28**

**Banks were nationalised in India through an ordinance passed in the year:**

A 1976

B 1963

C 1969

D 1954

**Answer: C**

**Question 29**

**Who presented the first Union Budget of Independent India?**

A NV Gadgil

B Maulana Azad

C CD Deshmukh

D RK Shanmukham Chetty

**Answer: D**

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

**Question 30**

**..... is the oldest mountain range in the Indian subcontinent.**

A Himalaya

B Vindhya

C Aravali

D Satpura

**Answer: C**

**Question 31**

**'Sevasadan', 'Karmabhoomi' and 'Gaban' are some of the masterpieces of which Hindi writer?**

A Bhisham Sahni

B Premchand

C Harishchandra

D Ramdhari Singh 'Dinkar'

**Answer: B**

**Question 32**

**As of January 2019, the Chief Minister of Chhattisgarh is:**

A Shiv Dahariya

B Bhupesh Baghel

- C Kamal Nath
- D Kawasi Lakhma

Answer: B

## SSC GD Constable Previous Papers (DOWNLOAD PDF)

### Question 33

Which of the following diseases is caused by bacteria?

- A Rabies
- B Chicken Pox
- C Small Pox
- D Tuberculosis

Answer: D

### Question 34

Which of the following is NOT an amphibian?

- A Frog
- B Tortoise
- C Salamander
- D Toad

Answer: B

### Question 35

Life on earth began in the oceans almost ..... years ago.

- A 1 billion
- B 100 million
- C 500 million
- D 3.5 billion

Answer: D

## SSC CGL Previous Papers (DOWNLOAD PDF)

### Question 36

Which chemical is widely used to unclog drains and sinks?

- A Sodium Chloride
- B Nitrogen Hydroxide



- C Hydrogen Peroxide
- D Sodium Hydroxide

Answer: D

**Question 37**

The concept of five-year plans in the Constitution of India is borrowed from .....

- A Russia
- B England
- C The United States
- D Germany

Answer: A

**Question 38**

The Fiscal Year in India is considered between:

- A 1 April - 31 March
- B 1 January - 31 December
- C 1 July - 30 June
- D 31 March - April

Answer: A

## SSC CGL Free Mock Test (Latest Pattern)

**Question 39**

Which state hosts the annual Surajkund Crafts fair?

- A Rajasthan
- B Uttar Pradesh
- C Punjab
- D Haryana

Answer: D

**Question 40**

Which of the following statements with respect to Article 22 of the Constitution and Criminal Law on fundamental rights of an arrested person is NOT correct?

- A The Right to be informed at the time of arrest of the offence for which the person is being arrested
- B A boy under 15 years of age and women cannot be called to the police station only for questioning
- C The Right to be presented before a magistrate within 24 hours of arrest

D Confessions made in police custody can be used as evidence against the accused

Answer: D

Question 41

Which team has won the Ranji Trophy maximum number of times?

A Saurashtra

B Tamil Nadu

C Mumbai

D Vidarbha

Answer: C

## SSC CHSL Free Mock Test (Latest Pattern)

Question 42

Which country ranks first in the 'Per Capita' Summer Olympic medals tally?

A Netherlands

B Finland

C Japan

D Hungary

Answer: B

Question 43

The Brahmaputra river is called 'Tsangpo' in Tibet. What is it called in Bangladesh?

A Meghna

B Padma

C Karnaphuli

D Jamuna

Answer: D

Question 44

Chandragupta Maurya established the Mauryan Empire by defeating the:

A Nandas

B Chalukyas

C Pallavas

D Shungas

Answer: A

## SSC Stenographer Previous Papers (Latest Pattern)

Question 45

Victoria Memorial is located in:

- A Lahore
- B Mumbai
- C Kolkata
- D New Delhi

Answer: C

Question 46

'Gidda' is a dance form of which state?

- A Punjab
- B Assam
- C West Bengal
- D Odisha

Answer: A

Question 47

Who was the first Indian woman president of Indian National Congress?

- A Vijaya Lakshmi Pandit
- B Sarojini Naidu
- C Sucheta Kriplani
- D Aruna Asaf Ali

Answer: B

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

Question 48

Which of the following statements is not a good argument in favour of a democracy?

- A Democracies are more accountable to the people
- B Democracies have better resolutions of conflicts
- C People feel free and equal in a democracy
- D Democracies are more prosperous than others

Answer: D

Question 49

Which of the following statements about sound is FALSE?

- A The audible range of an average human is 20 Hz – 20 kHz.
- B The speed of sound remains uniform irrespective of the temperature or medium.
- C Sound travels as a longitudinal wave.
- D Sound cannot travel in a vacuum.

Answer: B

#### Question 50

The Dadasaheb Phalke Award announced in 2018 was awarded to:

- A Late Yash Chopra
- B Late Rajesh Khanna
- C Late Shashi Kapoor
- D Late Vinod Khanna

Answer: D

## SSC MTS Free Mock Test (Latest Pattern)

### Quant

#### Instructions

For the following questions answer them individually

#### Question 51

If the interest on money be 1 paisa per rupee per month, what is the rate per cent per annum?

- A 12%
- B 15%
- C 10%
- D  $10\frac{1}{2}\%$

Answer: A

#### Explanation:

Interest for 1 month = 1 paisa per 1 rupee (100 paise)

$$\Rightarrow \text{Rate of interest for 1 month} = \frac{1}{100} \times 100 = 1\%$$

$$\text{Thus, rate of interest per annum} = 1 \times 12 = 12\%$$

$\Rightarrow$  Ans - (A)

## SSC CPO Free Mock Test (Latest Pattern)

#### Question 52

The median of the data 28, 31, 42, 37, 26, 34, 18, 23 is:

- A 30

- B 29.5
- C 31.5
- D 28

Answer: B

**Explanation:**

Arranging the data in ascending order : 18, 23, 26, 28, 31, 34, 37, 42

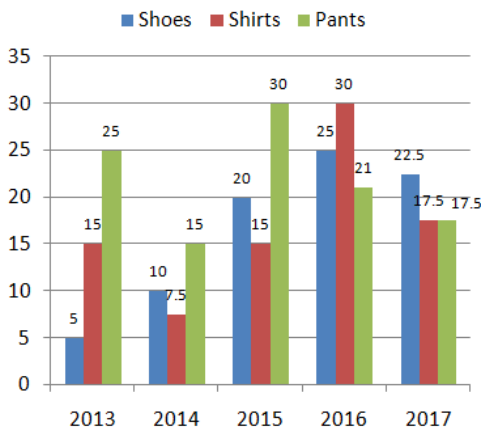
Median of 8 numbers is the mean of 4th and 5th numbers.

$$= \frac{28+31}{2} = \frac{59}{2} = 29.5$$

=> Ans - (B)

**Question 53**

Study the following graph which shows the production (in thousands) of different items, and answer these questions.



The ratio between the number of pants produced by the company in the year 2014, 2015 and 2016 respectively is:

- A 3 : 4 : 6
- B 5 : 10 : 7
- C 1 : 2 : 3
- D 3 : 4 : 5

Answer: B

**Explanation:**

Ratio between the number of pants produced by the company in the year 2014, 2015 and 2016 respectively is:

$$= 15 : 30 : 21$$

$$= 5 : 10 : 7$$

=> Ans - (B)

**Question 54**

The area of an equilateral triangle is  $173 \text{ cm}^2$  then of the perimeter the equilateral triangle (use  $\sqrt{3} = 1.73$ ) is:

- A 40 cm
- B 60 cm
- C 100 cm

D 20 cm

Answer: B

**Explanation:**

Let side of equilateral triangle be  $a$  cm

$$\Rightarrow \text{Area} = \frac{\sqrt{3}}{4} a^2 = 173$$

$$\Rightarrow a^2 = 173 \times \frac{4}{\sqrt{3}} = 400$$

$$\Rightarrow a = \sqrt{400} = 20 \text{ cm}$$

$\therefore$  Perimeter of equilateral triangle =  $3a = 3 \times 20 = 60$  cm

$\Rightarrow$  Ans - (B)

## SSC GD Free Videos (Youtube)

**Question 55**

A pen drive was sold at a price after giving two successive discounts of 30% and 20%. If the selling price of the item was ₹ 560, then what was the marked price of the pen drive?

A ₹1000

B ₹840

C ₹1140

D ₹1280

Answer: A

**Explanation:**

$$\text{Relative discount} = 30 + 20 - \left(\frac{30 \times 20}{100}\right) = 44\%$$

Selling price = Rs. 560

$$\Rightarrow \text{Marked price} = \frac{560}{100-44} \times 100 = \text{Rs. } 1000$$

$\Rightarrow$  Ans - (A)

**Question 56**

A discount of 30% on the marked price of a shirt enables a man to purchase a tie also, which costs him ₹ 210. How much did the man pay for the shirt?

A ₹540

B ₹490

C ₹630

D ₹700

Answer: B

**Explanation:**

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

Now, discounted price of shirt is equal to the value of tie,

$$\Rightarrow 30x = 210$$

$$\Rightarrow x = \frac{210}{30} = 7$$

Thus, amount paid for shirt =  $(100 \times 7) - 210 = \text{Rs. } 490$

=> Ans - (B)

#### Question 57

The cost price of 120 bags is ₹ 15 each. 40 of them were sold for ₹18 each. At what price should the remaining be sold in order to get an overall profit of ₹ 4 per bag?

A ₹19.5

B ₹22.5

C ₹16

D ₹20

Answer: A

#### Explanation:

Total cost price =  $120 \times 15 = \text{Rs. } 1800$

Selling price of 40 =  $40 \times 18 = \text{Rs. } 720$

To get an overall profit of Rs. 4 per bag, final selling price must be =  $120 \times (15 + 4) = \text{Rs. } 2280$

=> Selling price of remaining 80 bags =  $2280 - 720 = \text{Rs. } 1560$

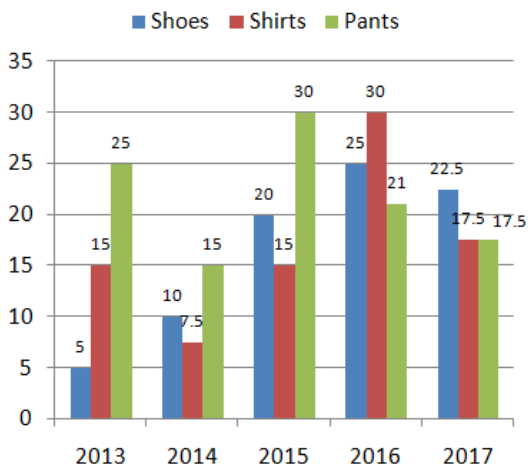
∴ Price of each remaining bag =  $\frac{1560}{80} = \text{Rs. } 19.5$

=> Ans - (A)

## SSC GD Free App

#### Question 58

Study the following graph which shows the production (in thousands) of different items, and answer these questions.



The total number of all products produced by the company in the year 2014 and 2016 together is:

A 105700

B 108500

C 1075

D 10750

Answer: B

**Explanation:**

Total number of all products produced by the company in the year 2014 and 2016 together :

$$= [(10 + 7.5 + 15) + (25 + 30 + 21)] \times 1000$$
$$= 108500$$

=> Ans - (B)

**Question 59**

Seven persons have 20, 30, 40, 50, 60, 70 and 80 chocolates with them. If each of them is given 5 chocolates additionally, what will be the average number of chocolates with them?

- A 50
- B 55
- C 45
- D 60

**Answer: B**

**Explanation:**

Since, the number of chocolates are in arithmetic progression, so the average chocolates with the seven persons presently will be the middle value = 50

After each is given 5 chocolates additionally, new average =  $50 + 5 = 55$

=> Ans - (B)

**Question 60**

A beats B by 125 m in a kilometer race. Find B's speed if A's speed is 16 m/sec.:

- A 18 m/sec
- B 14 m/sec
- C 7 m/sec
- D 21 m/sec

**Answer: B**

**Explanation:**

A beats B by 125 m in a kilometer race, that means when A covers 1000 m, B only covers 875 m in the same time

Let speed of B =  $x$  m/s, and speed  $\propto$  distance

$$\Rightarrow \frac{1000}{875} = \frac{16}{x}$$

$$\Rightarrow x = 16 \times \frac{7}{8} = 14$$

$\therefore$  Speed of B = 14 m/s

=> Ans - (B)

## SSC GD Important Questions and Answers PDF

**Question 61**

The ratio of the present ages of Meera and Sheela is 9 : 5. After 8 years Sheela would reach the present age of Meera. What is the present age (in years) of Sheela?

- A 18



- B 10
- C 5
- D 9

Answer: B

**Explanation:**

Let present ages of Meera and Sheela be  $9x$  and  $5x$  years respectively.

According to ques,  $\Rightarrow 9x = 5x + 8$

$$\Rightarrow 9x - 5x = 4x = 8$$

$$\Rightarrow x = 2$$

$\therefore$  Present age of Sheela =  $5 \times 2 = 10$  years

$\Rightarrow$  Ans - (B)

**Question 62**

The difference between simple interest and compound interest on ₹ 2500 at 4% per annum for two years is (in ₹):

- A ₹40
- B ₹4
- C ₹45
- D ₹14

Answer: B

**Explanation:**

Difference between S.I. and C.I. for 2 years =  $P \left( \frac{R}{100} \right)^2$

Here, principal =  $P = \text{Rs. } 2500$  and rate of interest =  $r = 4\%$

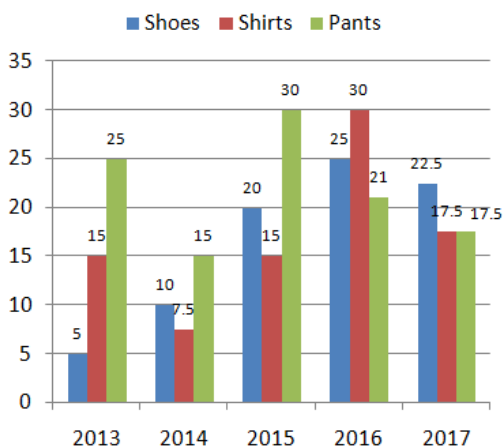
$$\Rightarrow \text{Difference} = 2500 \times \left( \frac{4}{100} \right)^2$$

$$= 2500 \times \frac{1}{25 \times 25} = \text{Rs. } 4$$

$\Rightarrow$  Ans - (B)

**Question 63**

Study the following graph which shows the production (in thousands) of different items, and answer these questions.



The difference between the total number of Shoes and Shirts produced by the company in the year 2016 and the number of Pants produced by the company in the year 2014 is:

- A 40000
- B 35000
- C 32000
- D 38000

**Answer: A**

**Explanation:**

Total number of Shoes and Shirts produced by the company in the year 2016 = 25000 + 30000 = 55000

Number of Pants produced by the company in the year 2014 = 15000

=> Required difference = 55000 - 15000 = 40000

=> Ans - (A)

## SSC GD Syllabus (Download PDF)

**Question 64**

Suresh sells a pen at ₹ 120 for  $33\frac{1}{3}\%$  profit. At what price should he sell it to gain 40%?

- A ₹160
- B ₹120
- C ₹140
- D ₹126

**Answer: D**

**Explanation:**

Selling price = Rs. 120 and profit % =  $\frac{100}{3}\%$

Thus, cost price =  $\frac{120 \times 100}{100 + \frac{100}{3}} \times 100$

=  $\frac{120}{4} \times 3 = \text{Rs. } 90$

Thus, selling price to earn 40% profit =  $90 \times \frac{140}{100} = \text{Rs. } 126$

=> Ans - (D)

**Question 65**

If 12 men or 20 women can do a work in 54 days, then in how many days can 9 men and 12 women together do the work?

- A 38
- B 32
- C 40
- D 35

**Answer: C**

**Explanation:**

12 men or 20 women can do a work in 54 days

=>  $12m = 20w = \frac{1}{54}$

$$\Rightarrow 9m = \frac{1}{72} \text{ and } 12w = \frac{1}{90}$$

Thus, 9 men and 12 women together do the work in =  $1 \div \left(\frac{1}{72} + \frac{1}{90}\right)$

$$= 1 \div \left(\frac{5+4}{360}\right) = \frac{360}{9} = 40 \text{ days}$$

$\Rightarrow$  Ans - (C)

#### Question 66

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

$$1 - [5 - \{2 + (-5 + 6 - 2)2\}] = ?$$

A 0

B 2

C -2

D -4

Answer: D

Explanation:

$$\text{Expression : } 1 - [5 - \{2 + (-5 + 6 - 2)2\}] = ?$$

$$= 1 - [5 - \{2 + (-1 \times 2)\}]$$

$$= 1 - [5 - (2 - 2)]$$

$$= 1 - (5 - 0)$$

$$= 1 - 5 = -4$$

$\Rightarrow$  Ans - (D)

## 20 SSC GD Mocks 117 (Latest Pattern)

#### Question 67

A started running towards north direction at 6:00 a.m. B also started running towards north direction at 10:00 a.m. At what time will they meet if the speeds of A and B are in the ratio 3 : 7 and they started from the same point?

A 1 p.m.

B 2 p.m.

C 1:30 p.m.

D 12:30 p.m.

Answer: A

Explanation:

Let the speeds of A and B respectively be 3 km/hr and 7 km/hr

Distance covered by A in 4 hours (10-6) =  $4 \times 3 = 12$  km

Now, relative speed (when running in same direction) =  $7 - 3 = 4$  km/hr

$\Rightarrow$  Time taken for them to meet (starting from 10 am) =  $\frac{12}{4} = 3$  hours

$\therefore$  They will meet at = 10 am + 3 hours = **1 pm**

$\Rightarrow$  Ans - (A)

**Question 68**

The area of the base of a right circular cone is  $\frac{1408}{7} \text{ cm}^2$  and its height is 6 cm. Taking  $\pi = \frac{22}{7}$ , the curved surface area of the cone is:

- A  $\frac{1670}{7} \text{ cm}^2$   
 B  $\frac{1067}{7} \text{ cm}^2$   
 C  $\frac{1760}{7} \text{ cm}^2$   
 D  $\frac{7160}{7} \text{ cm}^2$

**Answer: C****Explanation:**

$$\text{Area of base} = \pi r^2 = \frac{1408}{7}$$

$$\Rightarrow \frac{22}{7} \times r^2 = \frac{1408}{7}$$

$$\Rightarrow r^2 = \frac{1408}{22} = 64$$

$$\Rightarrow r = \sqrt{64} = 8 \text{ cm}$$

Also, height =  $h = 6 \text{ cm}$

$$\text{Thus, slant height of cone} = l = \sqrt{r^2 + h^2} = \sqrt{64 + 36} = \sqrt{100} = 10 \text{ cm}$$

$\therefore$  Curved surface area of cone =  $\pi r l$

$$= \frac{22}{7} \times 8 \times 10 = \frac{1760}{7} \text{ cm}^2$$

$\Rightarrow$  Ans - (C)

**Question 69**

The perimeter (in metres) of a semicircle is numerically equal to its area (in square meters). The length of its diameter is (Take  $\pi = \frac{22}{7}$ )

- A  $6\frac{6}{11}$  meters  
 B  $3\frac{3}{11}$  meters  
 C  $6\frac{2}{11}$  meters  
 D  $5\frac{6}{11}$  meters

**Answer: A****Explanation:**

Let radius of semi circle =  $r$  metres

According to ques, Perimeter = Area

$$\Rightarrow \pi r + 2r = \frac{1}{2} \pi r^2$$

$$\Rightarrow \pi + 2 = \frac{1}{2} \pi r$$

$$\Rightarrow r = \frac{2\pi + 4}{\pi}$$

$$\Rightarrow r = 2 + 4 \times \frac{7}{22}$$

$$\Rightarrow r = 2 + \frac{14}{11} = \frac{36}{11}$$

$$\therefore \text{Diameter} = 2 \times \frac{36}{11} = 6\frac{6}{11} \text{ meters}$$

=> Ans - (A)

## SSC CPO Previous Question papers (download pdf)

### Question 70

There are two numbers  $a^2$  and 9. Their mean proportion is  $b$ , then  $(a^2 + b^2) : (a^2 - b^2) = ?$

A 5 : 4

B 3 : 4

C 3 : 2

D 1 : 1

Answer: A

#### Explanation:

Mean proportion of  $a^2$  and 9 is  $b$

$$\Rightarrow \frac{a^2}{b} = \frac{b}{9}$$

$$\Rightarrow 9a^2 = b^2 \text{ -----(i)}$$

To find =  $(a^2 + b^2) : (a^2 - b^2)$

$$= \frac{a^2 + 9a^2}{a^2 - 9a^2}$$

$$= \frac{10}{8} = 5 : 4$$

=> Ans - (A)

### Question 71

The average number of chocolates with six children is six. If another child joined them the average number of chocolates with the seven children will become 7. What is the number of chocolates with the seventh child?

A 14

B 11

C 12

D 13

Answer: D

#### Explanation:

Total chocolates initially =  $6 \times 6 = 36$

Thus, number of chocolates with the seventh child =  $(7 \times 7) - 36$

$$= 49 - 36 = 13$$

=> Ans - (D)

### Question 72

A and B working together can complete a job in 30 days. The ratio of their efficiencies is 3 : 2. In how many days can the faster person complete the job?

A 50

B 30

C 40

D 60

Answer: A

**Explanation:**

Let total work to be done = 150 units

Let efficiency of A and B respectively be  $3x$  and  $2x$  units/day

$$\Rightarrow (3x + 2x) \times 30 = 150$$

$$\Rightarrow x = 1$$

$$\therefore \text{Time taken by faster person, i.e. A} = \frac{150}{3 \times 1} = 50 \text{ days}$$

$\Rightarrow$  Ans - (A)

---

II Method : Time taken by A alone =  $30 \times \frac{3+2}{3} = 50$  days

## SSC MTS Previous Question papers (download pdf)

**Question 73**

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

$$2 - [6 - \{3 + (-4 + 5 + 1) \times 8\} + 12] = ?$$

A 4

B 2

C 3

D 1

Answer: C

**Explanation:**

$$\text{Expression: } 2 - [6 - \{3 + (-4 + 5 + 1) \times 8\} + 12]$$

$$= 2 - [6 - \{3 + (2 \times 8)\} + 12]$$

$$= 2 - [6 - 19 + 12]$$

$$= 2 + 1 = 3$$

$\Rightarrow$  Ans - (C)

**Question 74**

Find the least square number which is divisible by 4, 8, 2, 6 and 12?

A 36

B 24

C 48

D 144

Answer: D

**Explanation:**

The least number which is divisible by 4, 8, 2, 6 and 12

= L.C.M. (2,4,6,8,12) = 24

Now, prime factorization of  $24 = 2^3 \times 3$

Now to make it a perfect square, we need to multiply it by  $2 \times 3 = 6$

=> The least square number which is divisible by 4, 8, 2, 6 and 12 =  $24 \times 6 = 144$

=> Ans - (D)

#### Question 75

In a class of 80 students, 60% passed in Economics and only 20% passed in History. The number of students who neither passed in Economics nor in History are:

A 20

B 12

C 24

D 16

Answer: D

#### Explanation:

Number of students who passed in Economics and in History =  $\frac{(60+20)}{100} \times 80 = 64$

=> Number of students who failed =  $80 - 64 = 16$

=> Ans - (D)

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

### English

#### Instructions

For the following questions answer them individually

#### Question 76

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 if you did not know where I was, you can always have telephoned me to ask.

A you could always have telephoned me

B No improvement

C you will always have telephoned me

D you should always have telephoned me

Answer: A

## SSC CHSL Previous Papers (DOWNLOAD PDF)

#### Instructions

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

Passage:

Women have .....(1) been held in high esteem in our country. During the Vedic period they .....(2) important positions in social and religious .....(3) Without women, religious ceremonies were .....(4) incomplete. Our mythological and philosophical writings bear witness to the fact that the tradition of having high regard for women was long .....(5)

**Question 77**

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

- A never
- B seldom
- C always
- D hardly

**Answer: C**

**Question 78**

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

- A occupied
- B developed
- C demanded
- D offered

**Answer: A**

**Question 79**

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

- A books
- B literature
- C life
- D thoughts

**Answer: C**

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

**Question 80**

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

- A accepted
- B believed
- C performed
- D considered

**Answer: D**

**Question 81**

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



- A awaited
- B maintained
- C valued
- D discontinued

**Answer: B**

**Instructions**

For the following questions answer them individually

**Question 82**

**From the given options, identify the segment in the sentence which contains the grammatical error. When questioned about their laziness, almost all the boys gave the same excuse, 'We all are tired.'**

- A When questioned
- B almost all the boys
- C 'We all are tired.'
- D about their laziness

**Answer: C**

## SSC GD Constable Previous Papers

**Instructions**

Select the most appropriate option to fill in the blank.

**Question 83**

**Macbeth is the tragedy of a man who was ..... with great qualities.**

- A endowed
- B conferred
- C empowered
- D advantaged

**Answer: A**

**Question 84**

**All the respondents should express their ..... views in this questionnaire.**

- A candid
- B confident
- C convincing
- D contrary

**Answer: A**

**Instructions**

For the following questions answer them individually

**Question 85**

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

To split hairs

- A To occupy one's time in dressing
- B To stop the argument in between
- C To get angry about someone's fashion
- D To engage in discussing irrelevant details

Answer: D

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

**Question 86**

Select the most appropriate word to fill in the blank.

The government should provide attractive tax ..... for the salaried class.

- A structures
- B documents
- C suggestions
- D bids

Answer: A

**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.

In spite of his illness, the man run a few yards before withdrawing from the race.

- A ran a few yards before withdrew from
- B ran a few yards before withdrawing from
- C No improvement
- D running a few yards before withdrawing from

Answer: B

**Question 88**

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

Organisms that live on another

- A Bacteria
- B Microbes
- C Viruses
- D Parasites

Answer: D

## SSC GD Constable Previous Papers (DOWNLOAD PDF)

### Question 89

From the given options, identify the segment in the sentence which contains the grammatical error.  
The person at the counter when filling up my details asked me how many languages did I know.

- A did I know
- B at the counter
- C filling up my details
- D how many languages

Answer: A

### Question 90

Select the option that means the same as the given idiom.  
To read between the lines

- A To ask someone to read every line
- B To understand more than actual words
- C To look for the meaning of every word
- D To understand the dictionary meanings

Answer: B

### Question 91

Select the correctly spelt word.

- A Scisors
- B Scissors
- C Scissars
- D Sissors

Answer: B

## SSC CGL Previous Papers (DOWNLOAD PDF)

### Question 92

Select the correctly spelt word.

- A Alliteration
- B Altaration
- C Alterashion
- D Alteration

Answer: D

Question 93

From the given options, identify the segment in the sentence which contains the grammatical error.  
Soon I was informed by reliable sources that their parents had no any responsibilities towards the family.

- A towards the family
- B by reliable sources
- C Soon I was informed
- D no any responsibilities

Answer: D

Question 94

Select the synonym of the given word.  
CONFLUENCE

- A Junction
- B Flow
- C Diversion
- D Stream

Answer: A

## SSC CGL Free Mock Test (Latest Pattern)

Question 95

Select the antonym of the given word.  
Genuine

- A True
- B False
- C Frank
- D Actual

Answer: B

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 improvement.

The City Development Council resolved at a recent meeting to take steps to controlling pollution immediately.

- A to take steps to control! pollution immediately
- B No improvement
- C to take steps of control pollution immediately

D to take steps for control pollution immediately

Answer: A

**Question 97**

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

A short stay at a place

A Voyage

B Lodge

C Sojourn

D Trip

Answer: C

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

**Question 98**

Select the synonym of the given word.

PSEUDONYM

A Family name

B Alias

C Namesake

D First name

Answer: B

**Question 99**

Select the most appropriate word to fill in the blank.

The Director has still not given his ..... to conduct the survey of natural resources.

A compliance

B projection

C consent

D request

Answer: C

**Question 100**

Select the antonym of the given word.

Interruption

A Disruption

B Hinderance

C Continuity

D Temporary

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)**