



## SSC MTS 7th August 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)

**Instructions**

For the following questions answer them individually

**Question 1**

Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

It take her a long time to get over her failure in the examination. /No error

- A long time to get over
- B her failure in the examination
- C No error
- D It take her a

Answer: D

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

**Question 2**

Select the most appropriate option to fill in the blank.

My little cousin is \_\_\_\_\_ a movie.

- A watching
- B looking
- C seeing
- D observing

Answer: A

**Question 3**

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 inflation rate raised up 8% last month.

- A rose to
- B no improvement
- C rise to
- D raise up

Answer: A

**Question 4**

Select the most appropriate antonym of the given word.

Morose

- A Cranky
- B Cheerful

- C Prudent
- D Solemn

Answer: B

## SSC Stenographer Previous Papers (Download PDF)

### Question 5

Choose the most appropriate word that can substitute the given group of words.  
The state of growing to maturity

- A Immigrant
- B Innocence
- C Adolescence
- D Apartheid

Answer: C

### Question 6

Select the most appropriate meaning of the given idiom.  
To pull someone's legs

- A Of a kind and sympathetic nature
- B To use all possible methods
- C To play a joke on someone
- D Not a serious information

Answer: C

### Question 7

Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Don't worry, there is less time for the train to arrive. /No error

- A Don't worry,
- B there is less time
- C No error
- D for the train to arrive

Answer: B

## 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 blank.

### Comprehension:

Television in India made a humble beginning in September, 1959. The first television programmes were meant (1)\_\_\_ schools and rural areas. The first general services on a (2)\_\_\_ basis started in August, 1965. Colour television came into (3)\_\_\_ in on the eve of the Ninth Asian Games. Around (4)\_\_\_ time it became possible to take television programmes to rural areas (5)\_\_\_ the help of satellites. November, 1982

**Question 8**

Select the most appropriate option for blank No. 1.

- A on
- B at
- C to
- D for

**Answer: D**

**Question 9**

Select the most appropriate option for blank No. 2.

- A regular
- B usual
- C proper
- D final

**Answer: A**

**Question 10**

Select the most appropriate option for blank No. 3.

- A existence
- B establishment
- C creation
- D location

**Answer: A**

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

**Question 11**

Select the most appropriate option for blank No. 4.

- A it
- B this
- C those
- D these

**Answer: B**

**Question 12**

Select the most appropriate option for blank No. 5.

- A from
- B with
- C among
- D for

**Answer: B**

**Instructions**

For the following questions answer them individually

**Question 13**

Choose the correctly spelt word

- A Knowledge
- B Jealusy
- C Odour
- D Langauge

**Answer: C**

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

**Question 14**

Select the most appropriate antonym of the given word.

**Loiter**

- A Loaf
- B Hasten
- C Dawdle
- D Repel

**Answer: B**

**Instructions**

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.

**Question 15**

A study suggests that woman is good at handling emotions than men.

- A women is better
- B No Improvement
- C woman are best

D women are better

Answer: D

**Question 16**

MS Dhoni has no immediate plans to retire.

A plan to retirement

B plans retiring

C planning for retire

D No Improvement

Answer: D

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

**Instructions**

For the following questions answer them individually

**Question 17**

Select the most appropriate synonym of the given word.

**Tangled**

A Orderly

B Regulated

C Knotted

D Organized

Answer: C

**Instructions**

Select the most appropriate option to fill in the blank.

**Question 18**

He \_\_\_\_\_ for a week when his father came.

A has been ill

B had been ill

C is being ill

D is ill

Answer: B

**Question 19**

The air-conditioner has made ceiling fans a little \_\_\_\_\_ in today's world.

A extinct

B absurd

- C additional
- D redundant

Answer: D

## SSC CHSL Free Mock Test (Latest Pattern)

### Instructions

For the following questions answer them individually

### Question 20

Select the most appropriate meaning of the given idiom.

As clear as a bell

- A To have a tinkling sound
- B At a very low price
- C To get fooled
- D Readily understood

Answer: D

### Question 21

Choose the most appropriate word that can substitute the given group of words.

A person travelling on foot

- A Vagabond
- B Pedestrian
- C Bibliophile
- D Equestrian

Answer: B

### Question 22

Choose the correctly spelt word

- A Peirce
- B Necessary
- C Noticeing
- D Permmitt

Answer: B

## SSC Stenographer Previous Papers (Latest Pattern)

### Question 23

Find the part of the given sentence that has an error in it. If there is no error, choose 'No

He lost all his hardly earned money. /No error

- A all his
- B hardly earned money
- C No error
- D He lost

Answer: B

**Question 24**

Select the most appropriate synonym of the given word.  
Proclaim

- A Oppose
- B Produce
- C Declare
- D Conceal

Answer: C

**Question 25**

Select the most appropriate option to fill in the blank.  
They were astonished \_\_\_\_\_ his failure in the competition.

- A in
- B at
- C on
- D from

Answer: C

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

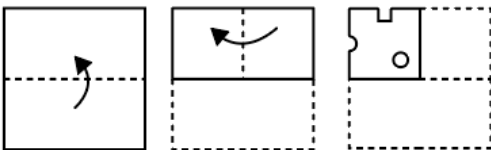
### Reasoning

**Instructions**

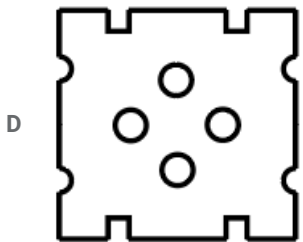
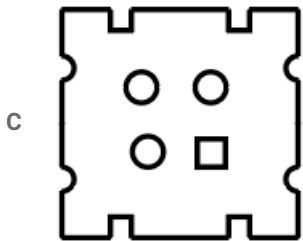
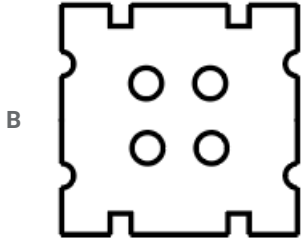
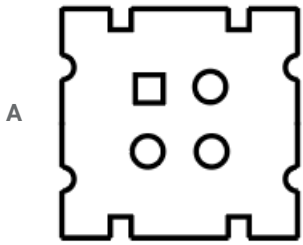
For the following questions answer them individually

**Question 26**

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







Answer: B

## SSC MTS Free Mock Test (Latest Pattern)

### Question 27

In a certain code language, 'FLOWER' is written as 'GKPVFQ'. What is the code for 'PRODUCT' in that code language?

- A RRWDQC
- B RRQDWC
- C QQRCVB
- D QQPCVB

Answer: D

### Explanation:

As per the English alphabetical order, each letter of the word's next and previous letters are written alternatively.

<b>F</b>	<b>L</b>	<b>O</b>	<b>W</b>	<b>E</b>	<b>R</b>
↓	↑	↓	↑	↓	↑
<b>G</b>	<b>K</b>	<b>P</b>	<b>V</b>	<b>F</b>	<b>Q</b>

Therefore PRODUCT can be written as

**P R O D U C**  
↓ ↑ ↓ ↑ ↓ ↑  
**Q Q P C V B**

**Question 28**

Select the letter-pair that can replace the question mark (?) in the following series.  
RJ, XP, DV, JB, ?

- A QH
- B PI
- C QJ
- D PH

Answer: D

**Explanation:**

Difference between first letter of each group is 5

Difference between second letter of each group is 5

So the next group must be PH. (J + 5 → P ; B + 5 → H)

**Question 29**

In a certain code language, 'DRAPE' is written as '4181165', 'CEMANT' is written as '351311420'. What is the code for 'PRINTR' in that code language?

- A 16184192018
- B 16418920188
- C 16189142018
- D 16819412018

Answer: C

## SSC CPO Free Mock Test (Latest Pattern)

**Question 30**

Select the option that is related to the third term in the same way as the second term is related to the first term.  
Car : Wheel :: Clock : ?

- A Second
- B Hour
- C Needle
- D Circular

Answer: C

**Explanation:**

Wheel is a part of Car. In the same way Needle is a part of Clock.

hence Car : Wheel :: Clock : Needle

**Question 31**

Five pens D, E, F, G and H are kept one above the other (not necessarily in the same order). Only H is between E and F. F is below E. G is just below F. D is three places below H. How many pens are between E and D ?

A 3

B 0

C 2

D 1

**Answer: A**

**Explanation:**

From the statement,

i. Only H is between E and F.

ii. F is below E. G is just below F.

**E**  
**H**  
**F**  
**G**

iii. D is three places below H.

**E**  
**H**  
**F**  
**G**  
**D**

Therefore from the diagram, it is known that 3 pens are between E and D.

**Question 32**

In a certain code language, 'DIRTYS' is written as 'FMTXAW'. What is the code for 'MONDAX' in that code language?

A PTRIDD

B ORPHCB

C PTQIDD

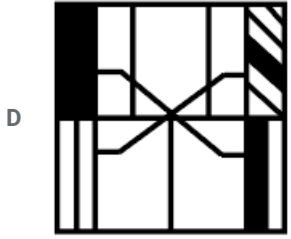
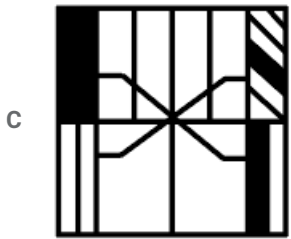
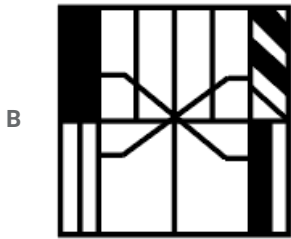
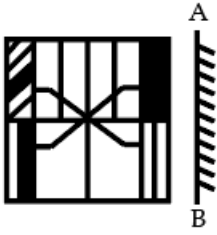
D OSPHCB

**Answer: D**

**SSC MTS Free Preparation App**

Question 33

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



Answer: C

Question 34

In a certain code language, 'TYRE' is written as '70', 'MON' is written as '44'. What is the code for 'FROM' in that code language?

A 50

B 52

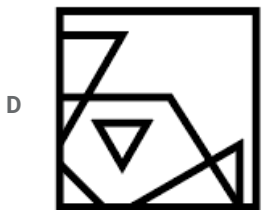
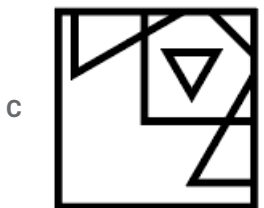
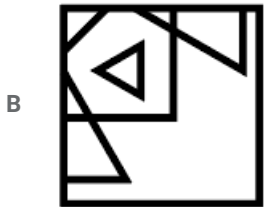
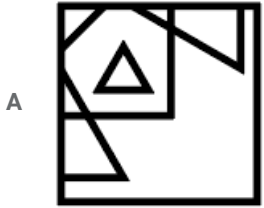
C 55

D 54

Answer: D

Question 35

Which answer figure will complete the pattern in the question figure?



Answer: A

**285 SSC Mocks - Just RS. 249**

Question 36

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

446 : 491 :: 963 : ?

A 1008

B 1014

C 1024

D 1018

Answer: A

**Explanation:**

Difference between 446 and 491 is 45.

Therefore  $963 + 45 = 1008$

hence  $446 : 491 :: 963 : 1008$  is the answer.

**Question 37**

In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

A M	A M K	A T M K	?	A T M G K R
--------	-------------	---------------	---	-------------------

A

A G M K T
-----------------

B

A T M R K
-----------------

C

A T M G K
-----------------

D

A K M G T
-----------------

Answer: C

**Question 38**

Select the word pair in which the two words are related in the same way as the two words in the following word-pair.

Star : Sun :: ?

A Sparrow : Bird

B Animal : Wild

C Venus : Hot

D Planet : Mars

Answer: D

## SSC Exam Free Videos (Youtube)

### Question 39

By interchanging which two numbers the equation will be correct?

$$3 + 6 \div 2 \times 4 - 7 = 5$$

A 4 and 3

B 3 and 2

C 7 and 6

D 6 and 3

Answer: D

#### Explanation:

Implementing the options one by one, Option D gives the correct answer.

Interchange the position of 6 and 3 in  $3 + 6 \div 2 \times 4 - 7 = 5$ ,

$$6 + \frac{3}{2} \times 4 - 7 = 5$$

$$6 + 6 - 7 = 5$$

$$12 - 7 = 5$$

$$5 = 5$$

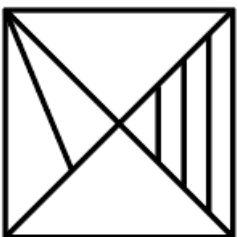
therefore option D is the answer.

### Question 40

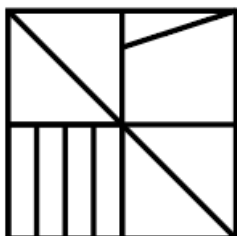
From the given answer figures, select the one in which the question figure is hidden/embedded.

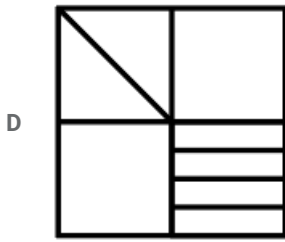
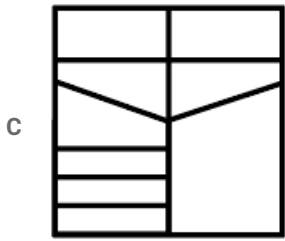


A



B

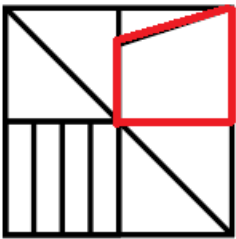




Answer: B

**Explanation:**

The answer would be option b.



Question 41

In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

**Statements:**

- I. Some yellow are pen.
- II. Some pen are sharpener.

**Conclusions:**

- I. Some sharpener are yellow.
- II. No yellow is pen.

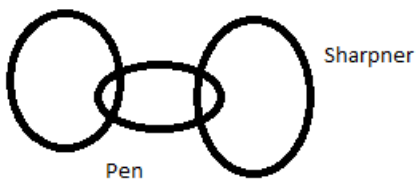
- A Neither conclusion follow
- B Both conclusion I and II follows
- C Only conclusion I follows
- D Only conclusion II follows

Answer: A

**Explanation:**

The relation between pen , yellow and sharpner can be represented by the following venn diagram .

Yellow



So, the answer would be option a. Neither conclusion follow.



## SSC Study Material

### Question 42

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

961, 984, 1008, 1033, 1059, ?

- A 1086
- B 1084
- C 1078
- D 1096

**Answer:** A

#### **Explanation:**

$$984 - 961 = 23$$

$$1008 - 984 = 24$$

$$1033 - 1008 = 25$$

$$1059 - 1033 = 26$$

So, the next term is  $1059 + 27 = 1086$

So, the answer would be 1086.

### Question 43

In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

#### **Statements:**

- I. All prime are even.
- II. Some even are odd.

#### **Conclusions:**

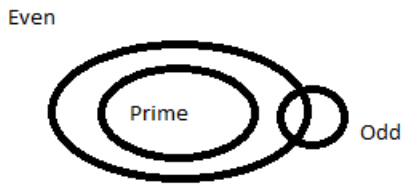
- I. Some odd are prime.
- II. All odd are even.
- III. No odd is prime.

- A Only conclusion III follows
- B Both conclusion II and III follows
- C Only conclusion II follows
- D Either conclusion I or III follows

**Answer:** D

#### **Explanation:**

The relation between prime, even and odd can be represented by the following venn diagram.



So, the answer would be option d) Either conclusion I or III follows.

**Question 44**

After interchanging the given two signs, what will be the value of  $11 \div 9 - 63 + 7 \times 2$  ?  
 $\div$  and  $+$

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

**Answer:** A

**Explanation:**

$$\begin{aligned}
 &11 \div 9 - 63 + 7 \times 2 \\
 &= 11 + 9 - 63 \div 7 \times 2 \\
 &= 11 + 9 - 9 \times 2 \\
 &= 11 - 9 = 2
 \end{aligned}$$

So, the answer would be option a) 2.

**SSC Daily Practice Set**

**Question 45**

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

<b>9</b>	<b>11</b>	<b>5</b>	<b>94</b>
<b>7</b>	<b>9</b>	<b>13</b>	<b>?</b>
<b>6</b>	<b>5</b>	<b>14</b>	<b>16</b>

- A 50
- B 60
- C 48
- D 44

**Answer:** A

**Explanation:**

The pattern followed for numbers present in each row is as below :

1st row :  $(9 \times 11) - 5 = 94$

3rd row :  $(6 \times 5) - 16 = 14$

Therefore, In 2nd row, It would be  $(7 \times 9) - 13 = 50$ . Therefore, Option A is the right answer.

**Question 46**

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

TG : SE :: ?

A MA : LZ

B LR : KT

C KB : JZ

D TP : UN

Answer: C

**Explanation:**

The pattern is :

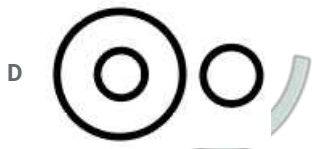
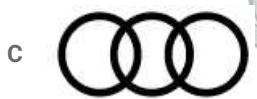
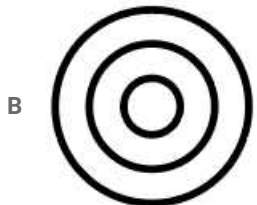
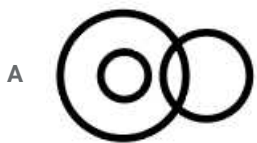
TG : SE  $\Rightarrow$  TG : S(T - 1)E(G - 1)

So , the answer would be option b)LR : KT

**Question 47**

Identify the Venn diagram that best represents the relationship between the given classes.

Car, Vehicle, Road

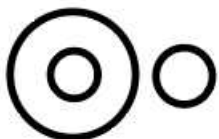


Answer: D

**Explanation:**

Car is a type of vehicle , but road is not related to car or vehicle in any manner.

So, the answer would be option d.



## SSC GK Free Tests

### Question 48

Six boys R1, R2, R3, R4, R5 and R6 are sitting in a row facing towards the north (Not necessarily in the same order). There are three boys between R4 and R2. R4 is not at any of the end. Only three boys are between R1 and R5. R3 is towards the left of R6. R1 is at one of the end. R2 is towards the right of R4. Which of the following statement is correct?

- A R1 is towards the right of R4
- B R4 is second to the left of R6
- C R5 is at one of the end
- D R3 is to the immediate right of R6

**Answer: B**

#### Explanation:

Using There are three boys between R4 and R2,

R4 \_ \_ \_ R2

Only three boys are between R1 and R5 and R1 is at one of the end

R1 R4 \_ \_ R5 R2

R3 is towards the left of R6

R1 R4 R3 R6 R5 R2

So , the answer would be option b) R4 is second to the left of R6.

### Question 49

Six tablets T1, T2, T3, T4, T5 and T6 are placed in a row facing towards North (Notnecessarily in the same order). Two tablets are placed between T1 and T5. T3 is placed second to the right of T6. T2 is placed second to the right of T1. T5 is towards the left of T1. Which of the following pair of tablets represents the tablets to the immediate right of T6 and T5 respectively?

- A T1, T4
- B T4, T1
- C T3, T4
- D T1, T2

**Answer: A**

#### Explanation:

Using , Two tablets are placed between T1 and T5 and T5 is towards the left of T1 ,

T5 \_ \_ T1

T2 is placed second to the right of T1

T5 \_ \_ T1 \_ T2

**T3 is placed second to the right of T6**

T5 \_ T6 T3 T2

**Remaining is T4 ,**

T5 T4 T6 T3 T2

So, the answer would be option a) T1, T4

**Question 50**

Select the number that can replace the question mark (?) in the following series.  
13, 40, 121, 364, ?

- A 1091
- B 1093
- C 1092
- D 1094

**Answer:** B

**Explanation:**

The pattern is,

$$13 \times 3 + 1 = 40$$

$$40 \times 3 + 1 = 121$$

$$121 \times 3 + 1 = 364$$

$$364 \times 3 + 1 = 1093$$

Therefore option B 1093 is the answer.

## SSC GK Questions

### Quant

**Instructions**

For the following questions answer them individually

**Question 51**

The ratio of number of boys and girls in a school is 3 : 2. If there are 360 students in the school, then what is the number of girls in the school?

- A 144
- B 160
- C 124
- D 142

**Answer:** A

**Explanation:**

$$\text{Number of girls in school} = \frac{2}{5} \times 360 = 144$$

So, the answer would be option a)144.

## Current Affairs Question and Answers (Download PDF)

**Question 52**

Pipe D1 can fill an empty tank in 80 minutes and Pipe D2 can empty the same tank in 100 minutes. If pipes are opened simultaneously, then in how much time the tank gets completely filled ?

- A 320 minutes

- B 400 minutes
- C 200 minutes
- D 240 minutes

Answer: B

**Explanation:**

A/c to question,

$$\frac{1}{80} - \frac{1}{100} = \frac{1}{400}$$

If pipes are opened simultaneously, then the tank will be filled in 400 minutes.

So, the answer would be option b)400 minutes

**Question 53**

What is the average of first 8 multiples of 6 among the natural numbers?

- A 24
- B 26
- C 27
- D 28

Answer: C

**Explanation:**

first 8 multiples of 6 among the natural numbers : 6 , 12 , 18 , 24 , 30 , 36 , 42 , 48

$$\text{Average} = \frac{6 + 12 + 18 + 24 + 30 + 36 + 42 + 48}{8} = 27$$

So , the answer would be option c)27.

**Question 54**

The table gives below presents rainfall (in mm) in two cities on different days of a week.

Days	Rainfall(in mm)	
	City 1	City 2
D1	82	81.6
D2	78	79.4
D3	76.2	78.3
D4	81.6	77.7
D5	79.4	84
D6	84	83
D7	83.8	82

The rainfall on day D2 in City 1 is how much percent more than the rainfall on day D4 in City 2?

- A  $\frac{100}{259}$
- B  $\frac{1}{260}$
- C  $\frac{100}{777}$
- D  $\frac{5}{13}$

Answer: A

**Explanation:**

The rainfall on day D2 in City 1 = 78

The rainfall on day D4 in City 2 = 77.7

$$\text{Required percentage} = \frac{78 - 77.7}{77.7} \times 100 = \frac{0.3}{77.7} \times 100 = \frac{100}{259}$$

So, the answer would be option a)  $\frac{100}{259}$

## Daily and Monthly Current Affairs (Download PDF)

**Question 55**

The speed of a boat in still water is 30 km/h. If the boat covers 60 km downstream in 1 hour 30 minutes, then what is the time taken by the boat to cover 60 km upstream?

- A 3 hours
- B 5 hours
- C 4 hours
- D 1 hours

**Answer:** A

**Explanation:**

Distance = Speed  $\times$  Time

The boat covers 60 km downstream in 1 hour 30 minutes. Let the speed of stream be  $s$  km/hr.

$$60 = (s + 30) \times \frac{3}{2} \Rightarrow s = 10 \text{ km/hr}$$

Upstream speed =  $30 - 10 = 20$  km/hr

$$\text{Time taken by the boat to cover 60 km upstream} = \frac{60}{30 - 10} = 3 \text{ hours}$$

So, the answer would be option a) 3 hours

**Question 56**

The compound interest (compounded annually) on a sum of money invested for two years is ₹10125. If the rate of interest is 25% per annum, then what is the amount after these two years?

- A ₹28125
- B ₹32275
- C ₹230625
- D ₹26275

**Answer:** A

**Explanation:**

$$\text{Amount} = P \left(1 + \frac{r}{100}\right)^n$$

where

P = Principal

r = rate of interest

n = number of years

$$P \left(1 + \frac{r}{100}\right)^n - P = \text{Compound Interest}$$

$$P \left( \left(1 + \frac{r}{100}\right)^n - 1 \right) = \text{Compound Interest}$$

$$P\left(\left(1 + \frac{25}{100}\right)^n - 1\right) = 10125$$

$$P = 18000$$

$$\text{Amount after 2 years} = 18000 + 10125 = 28125$$

So, the answer would be option a) 28125.

#### Question 57

The average of six observations is 15. The average of first three among them is twice the average of the last three. What is the sum of the last three observations?

A 35

B 20

C 25

D 30

Answer: D

#### Explanation:

Average of 6 numbers = 15

It is given, the average of first three among them is twice the average of the last three.

$$(1\text{st} + 2\text{nd} + 3\text{rd}) = 2(4\text{th} + 5\text{th} + 6\text{th})$$

$$\text{Sum of 6 numbers} = \frac{1\text{st} + 2\text{nd} + 3\text{rd} + 4\text{th} + 5\text{th} + 6\text{th}}{6} = 15$$

$$3(4\text{th} + 5\text{th} + 6\text{th}) = 90$$

$$(4\text{th} + 5\text{th} + 6\text{th}) = 30$$

So, the answer would be option d) 30.

## SSC CHSL Previous Papers (DOWNLOAD PDF)

#### Question 58

What is the value of  $\frac{(49-13) \times 18 \div 9 + 4 \times 12 \div 6 + 5}{98 \div 14 + 7 \times 4 \text{ of } 6 \div 8 + 4}$

A  $\frac{45}{23}$

B  $\frac{37}{18}$

C  $\frac{85}{32}$

D  $\frac{53}{17}$

Answer: C

#### Explanation:

Following BODMAS,

$$\frac{(49-13) \times 18 \div 9 + 4 \times 12 \div 6 + 5}{98 \div 14 + 7 \times 4 \text{ of } 6 \div 8 + 4}$$

$$= \frac{36 \times 2 + 4 \times 2 + 5}{98 \div 14 + 7 \times 24 \div 8 + 4}$$

$$= \frac{36 \times 2 + 4 \times 2 + 5}{98 \div 14 + 7 \times 3 + 4}$$

$$= \frac{72 + 8 + 5}{7 + 21 + 4}$$



$$72+8+5 \\ =7+21+4$$

$$85 \\ =32$$

So, the answer would be option c) 32

#### Question 59

A bag contains 5 rupee, 2 rupee, 1 rupee and 50 paise coins in the proportion 1 : 2 : 3 : 4. If the total amount in the bag is ₹168, then how many 50 paise coins are there?

- A 46
- B 52
- C 56
- D 48

Answer: D

#### Explanation:

Let the coins of 5 rupee, 2 rupee, 1 rupee and 50 paise coins be  $x, 2x, 3x$  and  $4x$ .

A/c to question ,

$$5x + 4x + 3x + 4x/2 = 168$$

$$x = 12$$

$$\text{Number of 50 paise coins} = 4x = 4 \times 12 = 48$$

So, the answer would be option d) 48.

#### Question 60

A room is in the shape of a cuboid, with dimensions 12 m  $\times$  10 m  $\times$  3 m. What is the cost of painting the four walls of the room at the rate of ₹50 per  $\text{m}^2$ ?

- A ₹15000
- B ₹15600
- C ₹6600
- D ₹7500

Answer: C

#### Explanation:

$$\text{Area of the 4 walls} = 2(lb + bh) = 2(12 \times 3 + 10 \times 3) = 132$$

$$\text{Cost of painting} = 132 \times 50 = 6600$$

So, the answer would be option c) ₹6600

## SSC Stenographer Previous Papers (Download PDF)

#### Question 61

What is the value of  $2 \div 3 \times (1+3) + 5 - 6$  of  $3 \div 5 \times 4 + 3 - 2$ ?

- A 36  
89
- B 31  
73

C  $\frac{25}{87}$

D  $\frac{27}{92}$

Answer: C

**Explanation:**

$$2 \div 3 \times (1+3) + 5 - 6$$

$$2 \text{ of } 3 \div 5 \times 4 + 3 - 2$$

$$\frac{2}{3} \times 4 + 5 - 6$$

$$2 \times \frac{3}{5} \times 4 + 3 - 2$$

$$\frac{8}{3} + 5 - 6$$

$$\frac{24}{5} + 3 - 2$$

$$8 + 15 - 18$$

$$24 + \frac{3}{5} - 10$$

$$8 + 15 - 18 \times \frac{5}{24 + 15 - 10}$$

$$\frac{5}{3} \times \frac{5}{29}$$

$$\frac{25}{87}$$

**Question 62**

Profit earned on a ball is  $\frac{3}{5}$  of its selling price. If the selling price of the ball is ₹120, then how much profit is earned on this ball?

A ₹72

B ₹48

C ₹24

D ₹96

Answer: A

**Explanation:**

Profit earned on a ball is  $\frac{3}{5}$  times 120 = 72

So, the answer would be option a) 72.

**Question 63**

The Table given below presents the Rainfall (in mm) in two cities on different days of a week.

Days	Rainfall(in mm)	
	City 1	City 2
D1	82	81.6
D2	78	79.4
D3	76.2	78.3
D4	81.6	77.7
D5	79.4	84
D6	84	83
D7	83.8	82

What is the difference (correct up to two decimal places) in average rainfall in two cities per day?

A 0.42 mm

B 0.15 mm

C 0.66 mm

D 0.08 mm

Answer: B

Explanation:

$$\text{Average rainfall for city 1} = \frac{565}{7} = 80.71$$

$$\text{Average rainfall for city 2} = \frac{566}{7} = 80.85$$

Difference between them = 0.14

So, the answer would be option b) 0.14 mm ~ 0.15 mm

## SSC GD Constable Previous Papers

Question 64

A bus covers a distance of 1.8 km in 3 minutes. How much faster (in m/s) is it than a young athlete who runs 200 m in 25 s?

A 1.5

B 1

C 2

D 2.5

Answer: C

Explanation:

$$\text{Speed of boy} = \frac{200}{25} = 8 \text{ m/s}$$

$$\text{Speed of bus} = \frac{1.8 \times 1000}{3 \times 60} = 10 \text{ m/s}$$

Difference between them is 2 m/s.

So, the answer would be option c) 2.

Question 65

The table given below presents the rainfall (in mm) in two cities on different days of a week.

Days	Rainfall (in mm)	
	City 1	City 2
D1	82	81.6
D2	78	79.4
D3	76.2	78.3
D4	81.6	77.7
D5	79.4	84
D6	84	83
D7	83.8	82

If the data of Rainfall of City 1 is represented through a Pie chart, then what will be the central angle (nearest to 0.1 degree) corresponding to D1?

A 50.8

B 53.3

C 51.9

D 52.2

Answer: D

Explanation:

Total rainfall for city 1 = 565

If 565 is represented by  $360^\circ$ ,

then for D1(82) =  $\frac{360 \times 82}{565} = 52.24$

So, the answer would be option d) 52.2

Question 66

The radius of solid right circular cylinder is 21 cm and its height is 40 cm. What is the cost of painting the curved surface area of the cylinder at the rate of ₹20 per  $\text{cm}^2$ ? (Take  $\pi = \frac{22}{7}$ )

A ₹108600

B ₹105600

C ₹26400

D ₹5280

Answer: B

Explanation:

Curved surface area of cylinder =  $2\pi r h = 2 \times \frac{22}{7} \times r \times h$

$= 2 \times \frac{22}{7} \times 21 \times 40$

Cost of painting curved surface area =  $2 \times \frac{22}{7} \times 21 \times 40 \times 20 = 105600$

So, the answer would be option b) ₹105600.

## SSC MTS Previous Papers (DOWNLOAD PDF)

Question 67

If Least Common Multiple of 23 and 24 is A and Highest Common Factor of 23 and 24 is B, then what is the value of A + B?

A 451

B 551

C 553

D 452

Answer: C

Explanation:

HCF of 23 and 24 = 1

LCM of 23 and 24 =  $23 \times 24 = 552$

So, A+B = 553

So, the answer would be option b) 553.

Question 68

A sum of money becomes double of itself in 50 months when invested on simple interest. What is the rate of interest per annum ?

- A 26%
- B 25%
- C 20%
- D 24%

**Answer: D**

**Explanation:**

Simple Interest =  $\frac{P \times r \times t}{100}$  where

P = Principal

r = rate of interest

t = time

Since, the amount is doubled, interest = principal

$$p = \frac{p \times r \times 50}{100 \times 12}$$

$$r = 24\%$$

So, the answer would be option d) 24%.

**Question 69**

After offering a discount of 20% on an article, a trader earned a profit of 20%. If the cost price is ₹300, then what will be the selling price of the article after offering a discount of 25%?

- A ₹352.5
- B ₹375.5
- C ₹432.5
- D ₹337.5

**Answer: D**

**Explanation:**

A/c to question, after offering a discount of 20% on an article, a trader earned a profit of 20%. If the cost price is ₹300. Let cost price be c and marked price be m.

$$\frac{80}{100} \times m = \frac{120}{100} \times 300$$

$$m = 450$$

$$\text{The selling price of the article after offering a discount of 25\%} = \frac{75}{100} \times 450 = 337.5$$

So, the answer would be option d) ₹337.5

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

**Question 70**

In a mixture of 60 litres, the ratio (by volume) of milk and water is 2 : 1. If X litres of water is added in the mixture, the ratio of milk and water becomes 1 : 2, then what is the value of X?

- A 40
- B 56
- C 20

D 60

Answer: D

**Explanation:**

In a mixture of 60 litres, the ratio (by volume) of milk and water is 2 : 1.

$$\frac{\text{Milk}}{\text{Water}} = \frac{40}{20} = \frac{2}{1}$$

If X litres of water is added ,

$$\frac{40}{20 + X} = \frac{1}{2}$$

$$X = 60$$

So, the answer would be option d)60.

**Question 71**

Piyush alone can complete a work in 8 days and Arun alone can complete the same work in 14 days. If they both get ₹44000 to complete the work, then what is the share of Piyush?

A ₹24000

B ₹16000

C ₹28000

D ₹21000

Answer: C

**Explanation:**

Piyush alone can complete a work in 8 days and Arun alone can complete the same work in 14 days.

$$\text{Ratio of their one day work} = \frac{1}{8} : \frac{1}{14} = 7:4$$

If both are paid 44000 ,

$$\text{the Piyush will be paid} = \frac{7}{11} \times 44000 = 28000$$

So, the answer would be option c) ₹28000

**Question 72**

What is the mode of given data?

4, 3, 7, 13, 16, 23, 3, 4, 7, 4, 3, 3, 9, 6, 9, 6

A 9

B 4

C 3

D 6

Answer: C

**Explanation:**

Number 3 is repeated more number of times when compared to other numbers. Therefore 3 is the answer.

## SSC CGL Free Mock Test (Latest Pattern)

**Question 73**

If A is 200% more than B, then B is how much percentage less than A?

A 33.33%

- B 50%
- C 100%
- D 66.67%

**Answer: D**

**Explanation:**

Let B = 100.

A is 200% more than B. Therefore  $B \times \frac{100 + 200}{100} = A$

$$100 \times \frac{300}{100} = 300$$

therefore A = 300.

To find how much percent B less than A,

$$300 \times \frac{100 - x}{100} = 100$$

$$100 - x = \frac{100}{3}$$

$$x = 100 - \frac{100}{3}$$

$$x = \frac{200}{3}$$

$$x = 66.67\%$$

hence B is 66.67% less than A.

**Question 74**

The cost price of a cycle is ₹24000. If the profit is 30%, then what will be the selling price?

- A ₹34100
- B ₹33400
- C ₹30800
- D ₹31200

**Answer: D**

**Explanation:**

Given,

The cost price of a cycle is ₹24000 and the profit is 30%

therefore selling price =  $24000 \times \frac{100 + 30}{100}$

$$24000 \times \frac{130}{100}$$

$$31200$$

Selling price = 31200

**Question 75**

The area of a rectangle is  $180 \text{ cm}^2$ . If the ratio of length and breadth of the rectangle is 5 : 4, then what is the length (in cm) of diagonal of the rectangle?

- A  $\sqrt{423}$
- B  $\sqrt{317}$
- C  $\sqrt{369}$
- D  $\sqrt{371}$

**Answer: C**

**Explanation:**

ratio of length and breadth of the rectangle is  $5x : 4x$

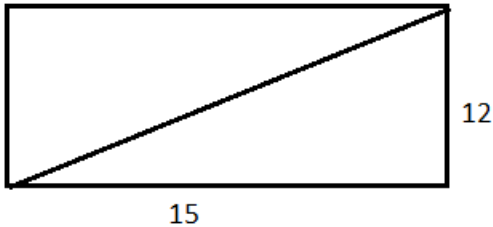
The area of a rectangle is  $180 \text{ cm}^2$

area of the rectangle =  $5x \times 4x = 20x^2$

Solving  $x = 3$

length = 15

breadth = 12



$$\begin{aligned} \text{diagonal} &= \sqrt{15^2 + 12^2} \\ &= \sqrt{369} \end{aligned}$$

## SSC CHSL Free Mock Test (Latest Pattern)

### General knowledge

**Instructions**

For the following questions answer them individually

**Question 76**

First cotton mill in India was set up in which city?

- A Ahmedabad
- B Nashik
- C Bombay
- D Madras

Answer: C

## SSC Stenographer Previous Papers (Latest Pattern)

**Question 77**

\_\_\_\_\_, the code-breaker during World War II has been chosen by Bank of England to feature on Britain's new £50 note.

- A Michael Faraday
- B Sir Christopher Wren
- C Sir John Houblon
- D Alan Turing

Answer: D



**Question 78**

Arrange the following metals in the decreasing order of reactivity:

- A Iron > sodium > silver > gold
- B Sodium > silver > iron > gold
- C Gold > silver > iron > sodium
- D Sodium > iron > silver > gold

**Answer: D**

**Question 79**

GST council is headed by:

- A Union Finance Minister
- B CAG
- C RBI governor
- D Prime minister

**Answer: A**

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

**Question 80**

King Jay Adams is associated with which of the following Sports?

- A Horce Racing
- B Billards
- C Skateboarding
- D Golf

**Answer: C**

**Question 81**

Which of the following diseases is caused by virus?

- A Ringworm
- B Cholera
- C Measles
- D Typhoid

**Answer: C**

**Question 82**

Which of the following institutions is India's National Academy of Letters?

- A Sahitya Akademi
- B Indira Gandhi National Centre for Arts
- C Lalit Kala Akademi
- D Centre for Cultural Resources and Training

**Answer: A**

## SSC MTS Free Mock Test (Latest Pattern)

**Question 83**

Which of the following is also called the First Law of Thermodynamics?

- A Boyle's Law
- B Law of Conservation of Energy
- C Charles' Law
- D Law of Conservation of Mass

**Answer: B**

**Question 84**

Which of the following Indian cities has got UNESCO World Heritage site tag?

- A Ahmedabad
- B Mumbai
- C Agra
- D Bhopal

**Answer: A**

**Question 85**

Ozone gas is present in which layer of atmosphere?

- A Stratosphere
- B Troposphere
- C Ionosphere
- D Mesosphere

**Answer: A**

## SSC CPO Free Mock Test (Latest Pattern)

**Question 86**

In which country is Hambantota port situated?

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

**Answer: D**

**Question 87**

**Which of the following quality marks are NOT correctly matched?**

- A AGMARK - agricultural products
- B HALLMARK - silver jewellery
- C FPO - processed food products
- D ISI - semi-processed food products

**Answer: D**

**Question 88**

**How many non-permanent members does UN Security Council have?**

- A 10
- B 12
- C 7
- D 5

**Answer: A**

**SSC MTS Free Preparation App**

**Question 89**

**Twinkling of stars is mainly due to which phenomena?**

- A Diffraction
- B Refraction
- C Reflection
- D Advection

**Answer: B**

**Question 90**

**Who is the author of the book "Neel Darpan"?**

- A Abanindranath Tagore
- B Mumtaz Ali

- C Dina Bandhu Mitra
- D Ishwar Chandra Vidyasagar

**Answer: C**

**Question 91**

**Mobile App "cVIGIL" has been launched to?**

- A enable citizens to file online RTI
- B enable citizens to report on violation of election code of conduct
- C bring transparency in direct benefit transfer
- D enable citizens to file income tax online

**Answer: B**

## 285 SSC Mocks - Just RS. 249

**Question 92**

**Andaman and Nicobar jurisdiction comes under which High court?**

- A Andhra Pradesh
- B Calcutta
- C Madras
- D Odisha

**Answer: B**

**Question 93**

**Bab-el-Mandeb strait connects which water bodies?**

- A Persian Gulf and Gulf of Oman
- B Baffin Bay and Labrador Sea
- C Red sea and Gulf of Aden
- D Black sea and sea of Azov

**Answer: C**

**Question 94**

**Which of the following adjectives is NOT a part of the Preamble?**

- A Liberty
- B Tolerant
- C Sovereign
- D Secular

Answer: B

## SSC Exam Free Videos (Youtube)

### Question 95

Who renounced his Knighthood against the Jallianwala Bagh atrocity?

- A Syed Ahmad Khan
- B S Subramania Iyer
- C Mahatma Gandhi
- D Rabindranath Tagore

Answer: D

### Question 96

What is the national game of USA?

- A Baseball
- B Basketball
- C Cricket
- D Football

Answer: A

### Question 97

\_\_\_\_\_ of reservation in government jobs and education granted to the economically backward among the general category as announced in the Interim Budget 2019.

- A 0.15
- B 0.1
- C 0.12
- D 0.05

Answer: B

## SSC Study Material

### Question 98

PRASAD Scheme (Pilgrimage rejuvenation and Spiritual, Heritage Augmentation Drive) has been launched under which Ministry?

- A Ministry of External Affairs
- B Ministry of Tourism
- C Ministry of Housing and Urban affairs
- D Ministry of Culture

Answer: B

Question 99

Which of the following is NOT a primary activity?

- A Agriculture
- B Construction
- C Mining
- D Fishing

Answer: B

Question 100

What was known as 'Calico' during pre-imperialism period?

- A coal
- B rice
- C iron
- D cotton

Answer: D

## SSC Daily Practice Set

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

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

[SSC GD Constable Previous Papers](#)

[SSC MTS 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 MTS Free Preparation App](#)

[285 SSC Mocks - Just RS. 249](#)

[SSC Exam Free Videos \(Youtube\)](#)

[SSC Study Material](#)

[SSC Daily Practice Set](#)

[SSC GK Free Tests](#)

[SSC GK Questions](#)

[Current Affairs Question and Answers \(Download PDF\)](#)

[Daily and Monthly Current Affairs \(Download PDF\)](#)