



SSC MTS 7th August 2019 Shift-2

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Instructions

For the following questions answer them individually

Question 1

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.

My car broke off on my way to home.

- A down
- B out
- C on
- D No Improvement

Answer: A

SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 2

Select the most appropriate option to fill in the blank.

She returned the book after she _____ it.

- A reads
- B read
- C had read
- D Was read

Answer: C

Question 3

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

There is few to be said on both sides. /No error

- A to be said
- B There is few
- C on both sides
- D No error

Answer: B

Question 4

Choose the correctly spelt word.

- A Discusion
- B Suspition
- C Adjourn

D Proceedings

Answer: C

SSC Stenographer Previous Papers (Download PDF)

Question 5

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.

I will write to you when I will reach New Delhi.

A I reach

B I will be reaching

C I am reached

D No Improvement

Answer: A

Question 6

Select the most appropriate antonym of the given word.

Quarrel

A Strife

B Feud

C Harmony

D Bias

Answer: C

Question 7

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.

We must start now unless it will be too late.

A but

B or

C no improvement

D untill

Answer: B

SSC GD Constable Previous Papers

Question 8

Select the most appropriate meaning of the given idiom.

Let bygones be bygones

A Neat and tidy

- B Just at the last moment
- C To remember the past
- D To forgive and forget

Answer: D

Question 9

Find the part of the given sentence that has an error in it. If there is no error, choose 'Noerror'.
Some people is always talking about themselves. /No error

- A No error
- B about themselves
- C Some people
- D is always talking

Answer: D

Question 10

Select the most appropriate option to fill in the blank.
The passengers were afraid, but the captain _____ them that there was no danger.

- A cautioned
- B assured
- C claimed
- D confided

Answer: B

SSC MTS Previous Papers (DOWNLOAD PDF)

Question 11

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

She loved herself so more that she thought of no one else. /No error

- A thought of no one else
- B No error
- C so more that she
- D she loved herself

Answer: C

Question 12

Select the most appropriate option to fill in the blank.
Akbar had a _____ reign than Babar

- A more long

- B longer
- C longest
- D long

Answer: B

Question 13

Select the most appropriate antonym of the given word.

- A Obliterate
- B Abolish
- C Preserve
- D Shine

Answer: C

SSC CGL Previous Papers (DOWNLOAD PDF)

Question 14

Select the most appropriate option to fill in the blank.

The frightened convict _____ for mercy

- A shouted
- B whispered
- C mumbled
- D pleaded

Answer: D

Question 15

Select the most appropriate meaning of the given idiom.

To lead by the nose

- A To hit someone on the nose
- B To completely control someone
- C To burden someone with work
- D To depend totally on someone

Answer: B

Question 16

Select the most appropriate synonym of the given word.

Eager

- A Satisfied
- B Active

- C Keen
- D Alert

Answer: C

SSC CGL Free Mock Test (Latest Pattern)

Question 17

Choose the most appropriate word that can substitute the given group of words.
Person with no fixed abode

- A Artist
- B Crusader
- C Nomad
- D Tourist

Answer: C

Question 18

Select the most appropriate synonym of the given word.
Strange

- A despair
- B conventional
- C abnormal
- D natural

Answer: B

Question 19

Choose the most appropriate word that can substitute the given group of words.
A polygon with eight sides and eight angles

- A Triangle
- B Hexagon
- C Octagon
- D Pentagon

Answer: C

SSC CHSL Free Mock Test (Latest Pattern)

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:

The Harmandir Sahib, also known as Darbar Sahib is a Gurudwara (1)_____ in the city of Amritsar. It (2)_____ an eminent pilgrimage site (3)_____ Sikhism. It is usually (4)_____ the Golden Temple in English (5)_____ it is plated with gold.

Question 20

Select the most appropriate option for blank No. 1.

- A locate
- B located
- C locates
- D locating

Answer: B

Question 21

Select the most appropriate option for blank No. 2.

- A is
- B was
- C has
- D are

Answer: A

Question 22

Select the most appropriate option for blank No. 3.

- A of
- B on
- C by
- D with

Answer: A

SSC Stenographer Previous Papers (Latest Pattern)

Question 23

Select the most appropriate option for blank No. 4.

- A named
- B known
- C regarded
- D called

Answer: D

Question 24

Select the most appropriate option for blank No. 5.

- A even
- B also
- C but
- D because

Answer: D

Instructions

For the following questions answer them individually

Question 25

Choose the correctly spelt word.

- A Explanation
- B Submision
- C Conquor
- D Confidense

Answer: A

SSC GD Constable Free Mock Test (Latest Pattern)

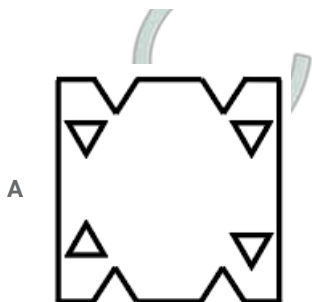
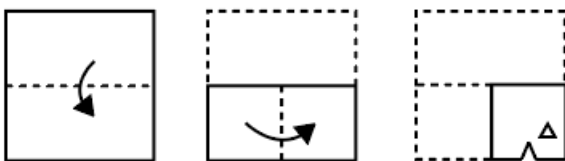
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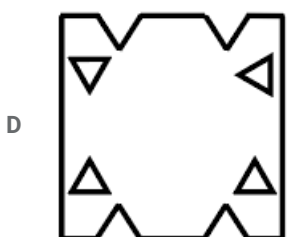
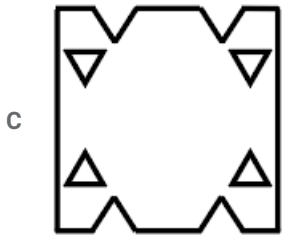
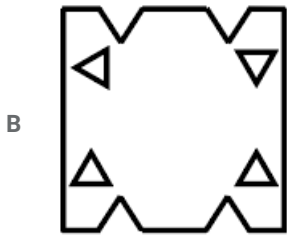
Instructions

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: C

SSC MTS Free Mock Test (Latest Pattern)

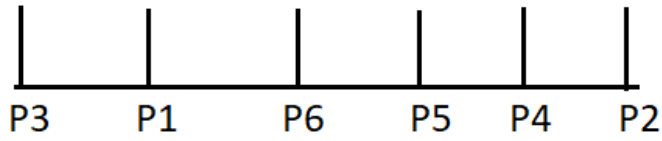
Question 27

Six phones P1, P2, P3, P4, P5 and P6 are placed in a row facing towards north (Not necessarily in the same order). P1 is placed to the immediate left of P6. P5 is placed second to the left of P2. P4 is placed second to the right of P6. P4 is to the immediate right of P5. P3 is towards the left of P1. How many phones are placed between P3 and P6?

- A 4
- B 1
- C 0
- D 2

Answer: B

Explanation:



So, there is only one phone between P3 and P6 i.e; P1

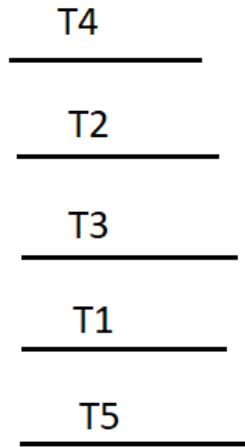
Question 28

Five tables T1, T2, T3, T4 and T5 are kept one above the other (Not necessarily in the same order). Number of tables above T4 are same as the number of tables below T5. T3 is just above T1. T5 is at the bottom. There are two tables between T2 and T5. Which of the following is the correct position of T1?

- A T1 is just above T5
- B T1 is just below T5
- C T1 is three places below T2
- D T2 is two places below T1

Answer: A

Explanation:



So, here T1 is just above T5.

Question 29

In a certain code language, 'RAFTS' is written as '96432', 'WEBAR' is written as '75169'. What is the code for 'FRAWT' in that code language?

- A 49673
- B 49672
- C 49675
- D 49671

Answer: A

Explanation:

This type of coding is called direct coding.

Here, R=9, A=6, F=4, T=3, S=2

and, W=7, E=5, B=1, A=6, R=9

These numbers for the letter are just given here. So, FRAWT= 49673

SSC CPO Free Mock Test (Latest Pattern)

Question 30

In a certain code language, 'HORSED' is written as 'ABPOLE'. What is the code for 'PRISON' in that code language?

- A LMQGPN
- B LNQGPN
- C KMPFOM
- D KLPFOM

Answer: D

Question 31

By interchanging which two signs the equation will be correct?

$$11 + 9 - 4 \times 12 \div 6 = 32$$

A \div and $-$

B $-$ and $+$

C \times and $+$

D \times and \div

Answer: A

Question 32

A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
JG, FC, BY, XU, ?

A TR

B VQ

C VR

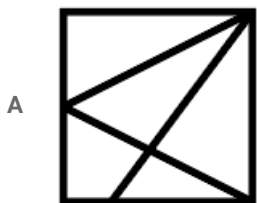
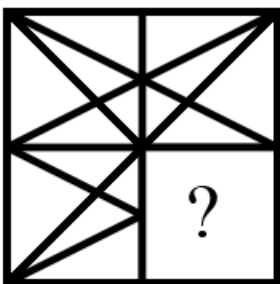
D TQ

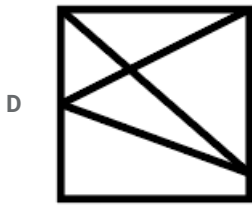
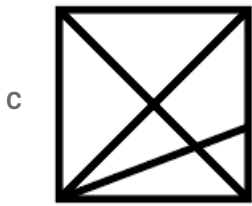
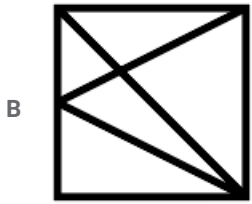
Answer: D

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Question 33

Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.





Answer: B

Question 34

After interchanging the given two signs, what will be the value of $9 + 143 \div 13 \times 11 - 160 = ?$
 \times and \div

A 18

B -32

C -17

D 28

Answer: A

Question 35

Select the number that can replace the question mark (?) in the following series.
13, 22, 33, 48, 69, ?

A 112

B 96

C 98

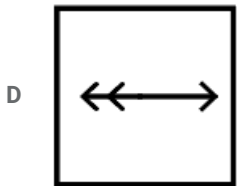
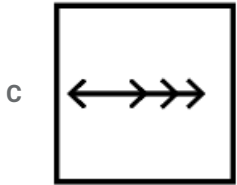
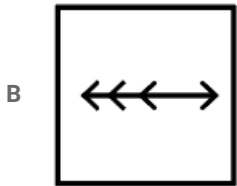
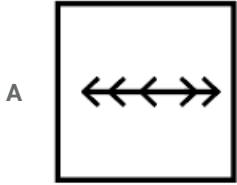
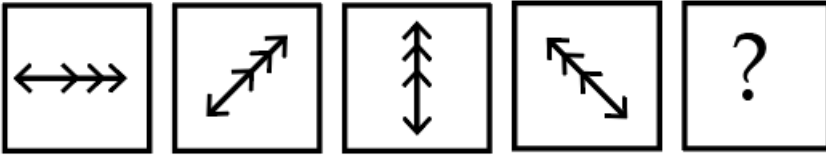
D 88

Answer: C

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Question 36

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



Answer: B

Explanation:

Here, the three arrows are moving in 45° anticlockwise direction. So the answer figure will be option B

Question 37

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

7	6	3	48
4	9	8	63
2	5	7	?

A 68

B 37

C 64

D 42

Answer: D

Explanation:

Here, $(7+6+3) = 16$

$$16 \times 3 = 48$$

Similarly, $(2+5+7)=14$

Here, $14 \times 3 = 42$

Question 38

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 P are Q.

II. Some S are R.

III. No R is Q.

Conclusions:

I. Some S are Q.

II. Some Q are P.

III. Some R are S.

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

Answer: B

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Question 39

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

197, 220, 244, 269, 295, ?

- A 328
- B 322
- C 330
- D 312

Answer: B

Question 40

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

Nest : Bird :: Palace : ?

- A Jeep
- B Soldier
- C Big
- D King

Answer: D

Explanation:

The living place of birds is nest similarly, living place of King is palace.

Question 41

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

31 : 963 :: 17 : ?

- A 291
- B 290
- C 289
- D 287

Answer: A

Explanation:

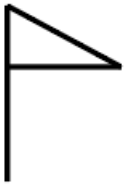
Here, square of 31=961 and $961+2=963$.

Similarly, square of 17=289 and $289+2=291$.

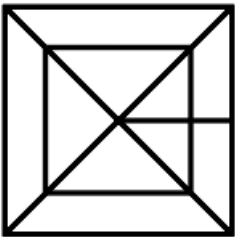
SSC Study Material

Question 42

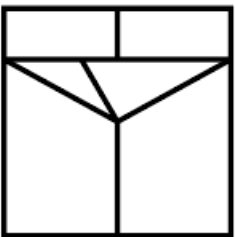
From the given answer figures, select the one in which the question figure is hidden/embedded. (Rotation is not allowed)



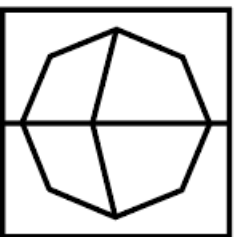
A

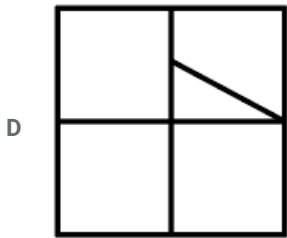


B



C





Answer: D

Question 43

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

- A TOL : WSQ
- B NAP : QWU
- C HUB : KYH
- D SUC : VYG

Answer: A

Explanation:

In the given pair of letters GUN : JYS ,

letters in first position G & J have two letters between them (H, I)

letters in second position U & Y have three letters between them (V,W,X)

letters in third position N & S have four letters between them (O,P,Q,R)

Similar Pattern is observed in Option A TOL : WSQ. Therefore, Option A is the correct answer.

Question 44

Five teachers P, K, A, R and M are sitting in a row facing towards south (Not necessarily in the same order). K is sitting second to the right of R. M is sitting to the immediate right of P. Two teachers are sitting between M and A. Who is sitting to the immediate left of R?

- A M
- B K
- C P
- D A

Answer: D

Explanation:

Using , M is sitting to the immediate right of P. Two teachers are sitting between M and A

M P _ A (↓ South facing)

K is sitting second to the right of R

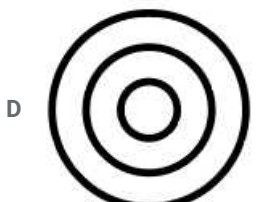
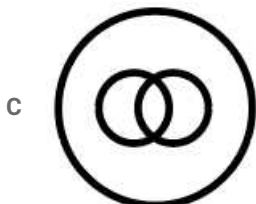
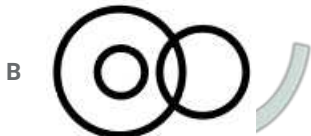
M P K A R

So , the answer would be option d) A

Question 45

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

Female, Mother, Sister

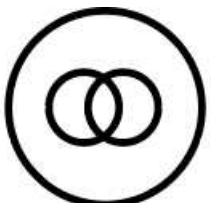


Answer: C

Explanation:

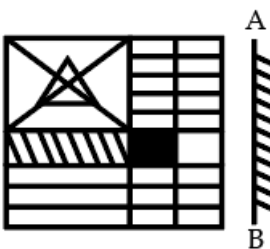
Both mother and sister are females. Also, a mother can be someone's sister.

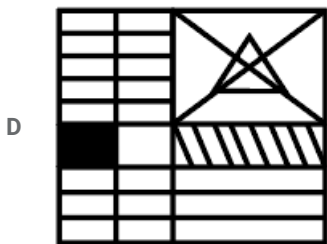
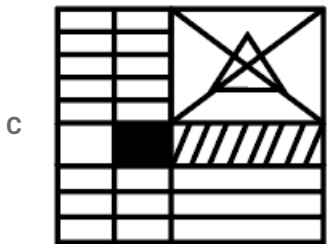
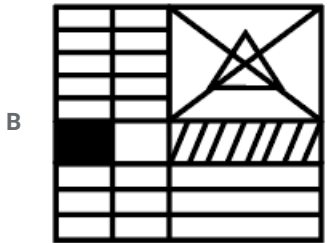
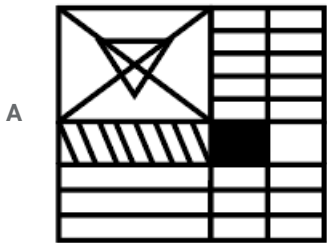
So, the answer would be option c).



Question 46

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

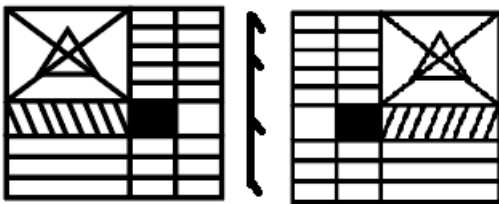




Answer: C

Explanation:

In mirror image, left most appears at right most, and vice versa.



So, the answer would be option c.

Question 47

In a certain code language, 'CHIRPS' is written as 'AJGTNU'. What is the code for 'RAINED' in that code language?

- A QEHQEG
- B PDGPDF
- C PCGPCF
- D QDHQDG

Answer: C

Explanation:

C - 1 -> A

H + 1 -> J

I - 1 -> G

R + 1 -> T

P - 1 -> N

S + 1 -> T

Following the same logic , RAINED will be PCGPCF

So, the answer would be option c)PCGPCF.

SSC GK Free Tests

Question 48

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

Amphibian : Frog :: Insect : ?

A Butterfly

B Ostrich

C Rat

D Snake

Answer: A

Explanation:

Frog is a type of amphibian. Similarly, Butterfly is a type of insect.

Question 49

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. No T is R.

II. All R are V.

Conclusions:

I. Some V are R.

II. Some T are R.

III. All V are T.

A Only conclusion I follows

B Both conclusion I and III follows

C Both conclusion II and III follows

D Neither conclusion follow

Answer: A

Question 50

In a certain code language, 'SOL,' is written as '45', 'KIN' is written as '33'. What is the code for 'OWL' in that code language?

A 49

B 50

C 48

D 51

Answer: A

Explanation:

Here, $S=19$, $O=15$, $L=12$

So, $(19+15+12)=46-1=45$

Therefore, $O=15$, $W=23$, $L=12$

$(15+23+12)=50-1=49$.

SSC GK Questions

Quant

Instructions

For the following questions answer them individually

Question 51

The data below shows the number of wickets taken by each bowler and the number of bowlers who took them.

Number of Wickets per bowler	Number of Bowlers
5	2
4	3
3	4
2	5
1	9

What is the median of the number of wickets?

A 3

B 2

C 4

D 2.5

Answer: B

Explanation:

arrange the numbers in order by size

1,2,3,4,5

if there is an odd no. terms, the median is the center term

3

Current Affairs Question and Answers (Download PDF)

Question 52

If discount offered on a article is 40%, then what will be the ratio selling price and marked price?

A 2 : 5

B 4 : 7

C 5 : 8

D 3 : 5

Answer: D

Explanation:

Let marked price = 100

discount % = 40%

$$\text{Discount} = \frac{40}{100} \times 100$$
$$= 40$$

Selling price will be = marked price - discount

$$= 100 - 40$$

$$= 60$$

the ratio selling price and marked price

60 : 100

3 : 5

Question 53

The ratio (by volume) of milk and water in a mixture is 2 : 1. If we add 12 litres of water in the mixture, then the ratio of milk and water becomes 4 : 3. What is the quantity of water in the new mixture?

A 84 litres

B 24 litres

C 38 litres

D 36 litres

Answer: D

Explanation:

The ratio (by volume) of milk and water in a mixture is 2 : 1.

After adding 12 litres of water

New ratio becomes = 4:3

the ratio of milk before and after adding water is same

To equalise the milk ratio before and after, multiply 2:1 with 2

$$= 4:2$$

Now water ratio is changed, (4:3) - (4:2)

$$1 = 12 \text{ lit}$$

Quantity of water in new mixture = 3×12

$$= 36 \text{ lit}$$

Question 54

Ajay sold an article for 284 at a loss of 30%. If he sells the same article at 120, then what will be his profit or loss percentage?

A 10% loss

B 15% loss

- C 20% profit
- D Noprofit no loss

Answer: D

Daily and Monthly Current Affairs (Download PDF)

Question 55

A sum of ₹900 is invested at compound interest (compounded annually) for 2 years. If the rate of interest is 10% per annum, then what will be the amount?

- A ₹1071
- B ₹1089
- C ₹1289
- D ₹1121

Answer: B

Explanation:

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

$$= 900(1 + \frac{10}{100})^2$$

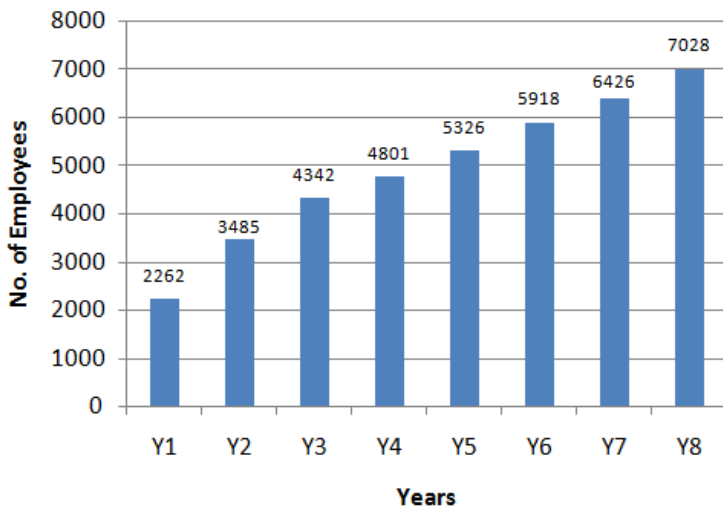
$$= 900 \times (\frac{11}{10})^2$$

$$= 900 \times (\frac{11}{10}) \times (\frac{11}{10})$$

=Rs1089

Question 56

The Bar graph shown below presents the number of employees in an office during eight consecutive years.



What is the average number of employees per year?

- A 5148.5
- B 5348.5
- C 5548.5
- D 4948.5

Answer: D

Explanation:

the average number of employees per year

$$\text{avg} = \frac{2262+3485+4342+4801+5326+5918+6426+7028}{8} = 4948.5$$

Question 57

A takes 10 minutes more than B in covering a certain distance. If their speeds are in the ratio of 3 : 4, then what is the time taken by B to cover the same distance?

- A 40 minutes
- B 30 minutes
- C 50 minutes
- D 20 minutes

Answer: B

Explanation:

Given ,

Distance by A,B= D

Speed ratio= 3:4

$$\text{Time} = \frac{\text{distance}}{\text{time}}$$

Time taken by A - Time taken by B = 10min

$$\frac{D}{3} - \frac{D}{4} = 10$$

$$\frac{D}{12} = 10$$

D= 120m

$$\text{Time taken by B} = \frac{120}{4} = 30 \text{ min}$$

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Question 58

C and D together can make a chair in 4 days and C alone can make this chair in 12 days. In how many days D alone can make this chair?

- A 10 days
- B 6 days
- C 4 days
- D 8 days

Answer: B

Explanation:

C+D = 4 days

C = 12 days

Total work = lcm(4,12)

$$=12$$

$$\text{Efficiency of C+D} = 12 \div 4 = 3$$

$$\text{Efficiency of C} = 12 \div 12 = 1$$

So ,

$$\text{Efficiency of D} = (\text{Efficiency of C+D}) - (\text{Efficiency of C})$$

$$= 2$$

$$\text{So, D can work alone} = \frac{\text{total work}}{2}$$

$$= 6 \text{ days}$$

Question 59

If length of the diagonals of a rhombus are 24 and 18 cm .what is the area of a rhombus?

A 196 cm^2

B 188 cm^2

C 204 cm^2

D 216 cm^2

Answer: D

Explanation:

length of the diagonals of a rhombus are 24 and 18 cm

$$\text{Area of Rhombus} = \frac{\text{length of diagonal 1} \times \text{length of diagonal 2}}{2}$$

$$\frac{24 \times 18}{2}$$

$$= 216 \text{ cm}^2$$

Question 60

The simple interest on a certain sum for two years is 1000 at the rate of 10% per annum. What is the amount after these two years?

A ₹6500

B ₹6000

C ₹7000

D ₹5500

Answer: B

Explanation:

$$\text{S.I} = \frac{P \times R \times T}{100}$$

$$1000 = \frac{P \times 10 \times 2}{100}$$

$$P = 5000$$

$$\text{Amount} = \text{S.I} + P$$

$$1000 + 5000$$

= 6000Rs

SSC Stenographer Previous Papers (Download PDF)

Question 61

If $V1 : V2 = 1 : 2$ and $V1 + V2 = 147$, then what is the value of $V2 - V1$?

- A 48
- B 56
- C 98
- D 49

Answer: D

Explanation:

let $v1 : v2 = 1x : 2x$

Given ,

$$v1 + v2 = 147$$

$$3x = 147$$

$$x = 49$$

$$v1 = 49, v2 = 98$$

So,

$$v1 - v2 = 49$$

Question 62

The average of 36, 28, 43, 56, 74, 65, 12 and x is 45. What is the value of x ?

- A 48
- B 42
- C 44
- D 46

Answer: D

Explanation:

$$\text{Avg} = \frac{36+28+43+56+74+65+12+X}{8}$$

$$45 = \frac{36+28+43+56+74+65+12+X}{8}$$

$$X = 46$$

Question 63

If the Least Common Multiple of 56, 57 and 58 is K, then what will be the Least Common Multiple of 56, 57, 58 and 59?

- A 177 K

B 59 K

C 56 K

D 57 K

Answer: B

Explanation:

$$56 = 2 \times 2 \times 2 \times 7$$

$$57 = 3 \times 19$$

$$58 = 2 \times 29$$

lcm of 56,57,58 = 46284 which is equal to k

now,

$$56 = 2 \times 2 \times 2 \times 7$$

$$57 = 3 \times 19$$

$$58 = 2 \times 29$$

$$59 = 59$$

$$\text{then lcm of } 56,57,58,59 = 46284 \times 59 = 59 \times k$$

SSC GD Constable Previous Papers

Question 64

₹975 is distributed among Anuj, Bharat and Shekhar. The proportion of their shares is 3 : 4 : 8 , respectively. What is the share of Bharat?

A ₹198

B ₹260

C ₹296

D ₹280

Answer: B

Explanation:

$$\text{Bharat share} = \frac{\text{bharatratio}}{\text{totalratio}} \times 975$$

$$= \frac{4}{15} \times 975$$

$$= \text{Rs } 260$$

Question 65

320 is how much percentage less than 100?

A 20%

B 18%

C 12%

D 15%

Answer: A

Question 66

Two articles were sold of ₹2400 each by a shopkeeper. The shopkeeper incurred no profit and no loss on the whole transaction. If one of the two articles sold at a profit of 20%, then what was the loss incurred on the other article?

- A ₹600
- B ₹400
- C ₹380
- D ₹240

Answer: B

Explanation:

let cp = 100

selling price = 2400

$$\begin{aligned} \text{Profit of 1st article} &= \frac{20}{100} \times 2400 \\ &= 480 \end{aligned}$$

sp = cp + profit

$$= 100 + 480 = 1480$$

which is equal to 2400

$$2400 = 1480$$

$$= 920$$

$$\text{so cp} = 100 \times \frac{920}{100} = 920$$

so profit is Rs 480

For no loss and profit case

Loss should be 480

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Question 67

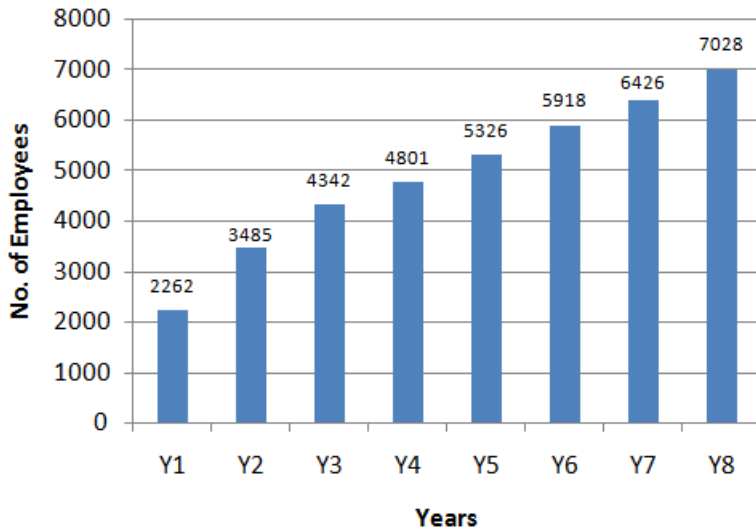
The base and hypotenuse of a right angled triangle are 9 cm and 41 cm respectively. What is the area of the triangle?

- A 180 cm^2
- B 170 cm^2
- C 190 cm^2
- D 160 cm^2

Answer: B

Question 68

The Bar graph shown below presents the number of employees in an office during eight consecutive years.



What is the growth percentage in the number of employees from Y5 to Y6?

- A 10.00
- B 11.96
- C 11.11
- D 12.04

Answer: C

Explanation:

the growth percentage in the number of employees from Y5 to Y6

Y5 = 5326

Y6 = 5918

$$= \frac{5918 - 5326}{5326} \times 100 = 11.11$$

Question 69

If Dev can make 40 chairs in 20 days, working 10 hours per day then in how many days can he make 10 chairs working 8 hours per day?

- A 8
- B 6
- C $\frac{1}{64}$
- D $7\frac{1}{2}$

Answer: C

Explanation:

solved by chain rule,

$$M1 \times H1 \times D1 \times W2 = M2 \times H2 \times D2 \times W1$$

$$10 \times 10 \times 20 = 8 \times D2 \times 40$$

$$D2 =$$

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Question 70

What is the area of the largest square which can be inscribed in a circle of radius 28 cm ?

- A 3136 cm^2
- B 1578 cm^2
- C 784 cm^2
- D 196 cm^2

Answer: B

Explanation:

$R = 28 \text{ cm}$

Area of square = $a \times a$

side of square should be less than diameter of circle

So by checking option

1 -> 56 is side which is equal to diameter

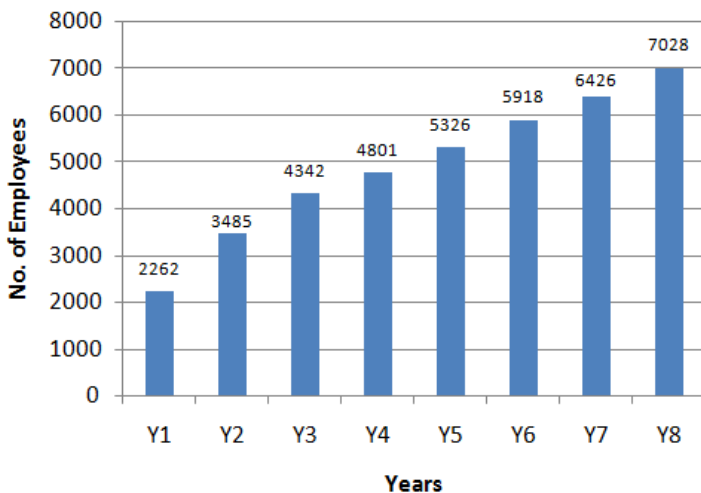
2 -> 40 is side which is less than diameter

And remaining option side is less

So answer is 1578 cm^2

Question 71

The Bar graph shown below presents the number of employees in an office during eight consecutive years.



The number of employees in year Y2 is how much percent less than average number of employees per year?

- A 29.57%
- B 23.57%
- C 41.54%
- D 35.57%

Answer: A

Explanation:

number of employees in year Y2 = 3485

$$\text{avg} = \frac{2262+3485+4342+4801+5326+5918+6426+7028}{8} = 4948.5$$

percent less than average number of employees per year

$$= \frac{4948.5-3485}{4948.5} \times 100 = 29.57\%$$

Question 72

What is the value of $(1 + \frac{3}{4}) \times \frac{3}{21}$ of $5\frac{1}{3} \div \frac{128}{49} + \frac{2}{3} \times \frac{7}{11} \times \frac{121}{49} \div (\frac{15}{14} - \frac{2}{7})$?

A $\frac{69}{25}$

B $\frac{62}{29}$

C $\frac{57}{41}$

D $\frac{59}{32}$

Answer: D

Explanation:

$$(1 + \frac{3}{4}) \times \frac{3}{21}$$
 of $5\frac{1}{3} \div \frac{128}{49} + \frac{2}{3} \times \frac{7}{11} \times \frac{121}{49} \div (\frac{15}{14} - \frac{2}{7})$

$$\frac{7}{4} \times \frac{3}{21}$$
 of $5\frac{1}{3} \div \frac{128}{49} + \frac{2}{3} \times \frac{7}{11} \times \frac{121}{49} \div \frac{11}{14}$

$$\frac{7}{4} \times \frac{16}{21} \div \frac{128}{49} + \frac{2}{3} \times \frac{7}{11} \times \frac{121}{49} \div \frac{11}{14}$$

$$\frac{7}{4} \times \frac{7}{24} + \frac{2}{3} \times \frac{7}{11} \times \frac{22}{7}$$

$$\frac{49}{96} + 3$$

$$\frac{177}{96}$$

$$\frac{59}{32}$$

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Question 73

The average age of a group of 20 men is 30 years. A 50 year old man leaves the group, while a woman joins the group. The average age decreases by 1 year. What is the age of the woman ?

A 40 years

B 30 years

C 35 years

D 38 years

Answer: B

Question 74

A train moves at the years speed of 80 km/h and crosses a platform in 0.75 minutes. If the length of the train is equal to the length of the platform, then what is the length of the platform?

- A 400 m
- B 480 m
- C 450 m
- D 500 m

Answer: D

Explanation:

$$\text{speed} = \frac{\text{length of train} + \text{length of platform}}{\text{time}}$$

Let length of train = l = length of platform

$$80 \times 18 = 0.75 \times 60$$

$l = 500$ metre

Question 75

If $A = 2 \div 3 \times 4$, $B = 3 \text{ of } 4 + (7 - 2)$ and $C = 4 + 5 - 6$, then what is the value of $A + B + C$?

A $\frac{85}{3}$

B $\frac{79}{3}$

C $\frac{59}{3}$

D $\frac{68}{3}$

Answer: D

Explanation:

$$A = 2 \div 3 \times 4, B = 3 \text{ of } 4 + (7 - 2) \text{ and } C = 4 + 5 - 6$$

First solve bracket then apply bodmas rule

$$A = \frac{8}{3}$$

$$B = 3 \text{ of } 4 + (7 - 2)$$

$$= 12 + 5$$

$$= 17$$

$$C = 4 + 5 - 6$$

$$= 3$$

Then

$$A+B+C = \frac{8}{3} + 17 + 3$$

$$= \frac{68}{3}$$

General knowledge

Instructions

For the following questions answer them individually

Question 76

Who introduced 'Charbagh' style of architecture in India?

- A Mughals
- B Rajputs
- C Mauryas
- D Marathas

Answer: A

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Question 77

Which of the following is NOT a Constitutional body?

- A Finance commission
- B NITI Aayog
- C National Commission for Schedule Tribes
- D Election commission

Answer: B

Question 78

Which of the following regions of northern plains is the most fertile?

- A Khadar
- B Terai
- C Bhabar
- D Bhangar

Answer: A

Question 79

Who invented penicillin?

- A Galileo Galilei
- B Alexander Fleming
- C Evangelista Torricelli
- D Theodore H. Maiman

Answer: B

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Question 80

'Broom and Groom' book is co-authored by:

- A Salman Rushdie
- B Shashi Tharoor
- C Kiran Bedi
- D Narendra Modi

Answer: C

Question 81

Which of the following Scheme is described in Union Budget 2019-20?

- A Pradhan Mantri Sahaj Bijli Har Ghar Yojana
- B Pradhan Mantri Ujjwala Yojana
- C Pradhan Mantri Jan Arogya Yojana
- D Pradhan Mantri Shram Yogi Maandhan

Answer: D

Question 82

Bruny Surin, the Olympian athlete belongs to which of the following countries?

- A Spain
- B Austria
- C Mexico
- D Canada

Answer: D

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Question 83

Where is the Great Barrier Reef located?

- A Australia
- B Bahrain
- C Peru
- D Mexico

Answer: A

Question 84

The full form of INTACH is:

- A Indian National Trust for Art and Cultural Heritage
- B Indian National Trust for Archaeological and Cooperative Heritage
- C Indian National Trust for Architectural and Calligraphic Heritage
- D Indian National Trust for Art and Cooperative Heritage

Answer: A

Question 85

Bagh caves are situated in which state?

- A Madhya Pradesh
- B Uttar Pradesh
- C Karnataka
- D Assam

Answer: A

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Question 86

Katarniaghat Wildlife Sanctuary is situated in which state?

- A Uttar Pradesh
- B Karnataka
- C Madhya Pradesh
- D Bihar

Answer: A

Question 87

Who is the Author of the book "The Bachelor of Arts"?

- A Ruskin Bond
- B R. K. Narayan
- C Rudyard Kipling
- D Vikram Seth

Answer: B

Question 88

The High Court of Kerala and Lakshadweep is situated at:

- A Ernakulam
- B Thrissur
- C Kochi
- D Kannur

Answer: A

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Question 89

Which of the following countries was the earliest to give women the right to vote?

- A Australia
- B France
- C UK
- D USA

Answer: A

Question 90

Who among the following is a co-founder of e-commerce store Flipkart?

- A Peyush Bansal
- B Vishal Sikka
- C Binny Bansal
- D Rohit Bansal

Answer: C

Question 91

Sveriges Riksbank Prize in Economic Sciences is awarded every year in the memory of

- A John Keynes
- B Karl Marx
- C Alfred Nobel
- D Adam Smith

Answer: C

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Question 92

The Subject of Sports comes under which list of Indian Constitution?

- A Union list
- B State list
- C Residuary list
- D Concurrent list

Answer: B

Question 93

Subhas Chandra Bose was elected President of the Haripura Congress Session in _____.

- A 1938
- B 1942
- C 1936
- D 1940

Answer: A

Question 94

Arrange the following hills according to their location from north to south:

1. Nallamala hills
2. Shevaroy hills
3. Palkonda hills
4. Javadi hills

- A 4-2-1-3
- B 1-3-2-4
- C 1-3-4-2
- D 3-1-4-2

Answer: C

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Question 95

Who is the Chairman of National Commission of Population control?

- A Union Minister of Health and Family Welfare
- B President
- C Secretary of Concerned Department
- D Prime Minister

Answer: D

Question 96

Which of the following passes are NOT correctly matched with their location?

- A Zojila pass - Jammu and Kashmir
- B Mana pass - Uttarakhand
- C Shipki-la pass - Arunachal Pradesh
- D Nathu - la pass - Sikkim

Answer: C

Question 97

In which of the following peasant uprisings, Sardar Vallabhbhai Patel took part?

- A Eka Movement
- B Tebhaga Movement
- C Kisan Sabha
- D Bardoli Satyagrah

Answer: D

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Question 98

Rotavirus vaccine is used to prevent which disease?

- A Polio
- B Diarrhoea
- C AIDS
- D Hepatitis

Answer: B

Question 99

Tiger belongs to which category under IUCN

- A Endangered
- B Critically endangered
- C Extinct
- D Vulnerable

Answer: A

Question 100

Which of the following department publishes Index of Industrial Production (IIP)?

- A Central Statistics Office
- B National Sample Survey Organisation

C Department of Industrial Policy and Promotion

D Labour bureau

Answer: A

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