



SSC GD 9th March 2019 Shift-3

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Reasoning

Instructions

For the following questions answer them individually

Question 1

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

R, U, X, A,

A D

B F

C T

D C

Answer: A

Explanation:

R, U, X, A, ...?..

$R + 3 = U$

$U + 3 = X$

$X + 3 = A$

Hence, $A + 3 = D$

SSC GD Free App

Question 2

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

Statements:

All bangles are rings.

Some rings are toys.

Some toys are dolls.

Conclusions:

I. Some rings are bangles.

II. Some dolls are rings.

A Either conclusion I or II follows

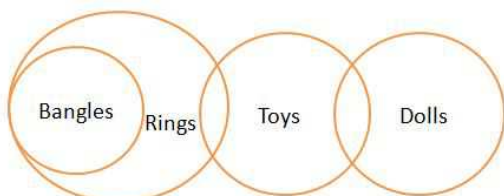
B Neither conclusion I nor II follows

C Only conclusion I follows

D Only conclusion II follows

Answer: C

Explanation:



Conclusions:

- I. Some rings are bangles- True . Rings contains some part of bangle circle. Hence this condition is True.
- II. Some dolls are rings- False. As doll circle is not intersecting Ring circle hence this condition does not follow.

Only Conclusion I follows.

Question 3

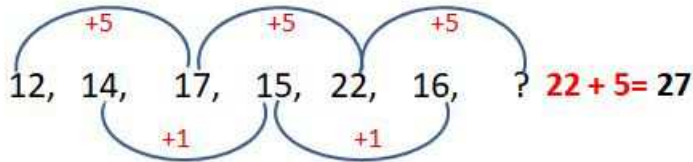
Select the correct option that will fill in the blank and complete the series.

12, 14, 17, 15, 22, 16,

- A 18
- B 27
- C 17
- D 30

Answer: B

Explanation:



The Logic is of Alternate number series.

Answer is Option B.

Question 4

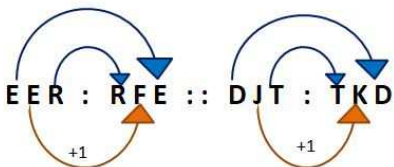
Select the option that is related to the third term in the same way as the second term is related to the first term.

EER : RFE :: DJT : ?

- A TKD
- B DTJ
- C TDJ
- D JTD

Answer: A

Explanation:



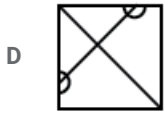
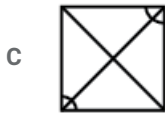
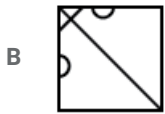
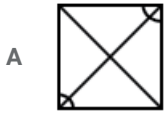
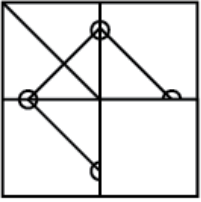
Correct Answer should be TKD

SSC GD Important Questions and Answers PDF

Question 5

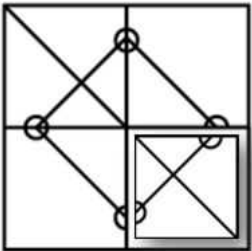
Which of the following answer figure will complete the given figure?

Question Figure:



Answer: D

Explanation:



Option D is correct Option.

Question 6

In a certain code, MISSION is coded as MISSJPN, then how is LIBRARY coded in the same way?

A LJBRYRB

B LBKRBRZ

C LKBRBRZ

D LJBRBRY

Answer: D

Explanation:

MISSION is coded as MISSJPN (First Four Alphabet MISS are written same, 'IO' is written as next alphabet in series, I+1=J, O+1=P and last alphabet is written same.

Similarly same pattern we will follow for LIBRARY only AR will be replaced with A+1=B, R+1=S... remaining alphabet will be copied

same. LIBRBSY.

Correct Option is D.

Question 7

If GLOBALLY is written as 61374118 and CITY as 2958, how will BOAT be written?

- A 7365
- B 7345
- C 7354
- D 7321

Answer: B

Explanation:

Each Alphabet is denoted with a number.

GLOBALLY is written as 61374118 (Hence G=6, L=1, O=3, B=7, A=4, L=1, Y=8)

CITY is written as 2958 (Hence C=2, I=9, T=5, Y=8)

Hence we denote alphabets will be same numbering as above alphabets BOAT be written (B=7, O=3, A=4, T=5)

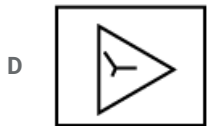
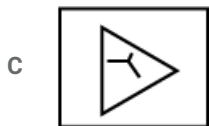
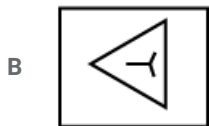
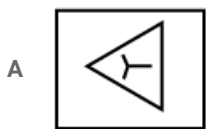
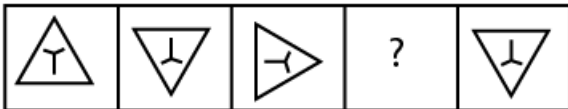
BOAT=7345- Option B is correct Option.

SSC GD Syllabus (Download PDF)

Question 8

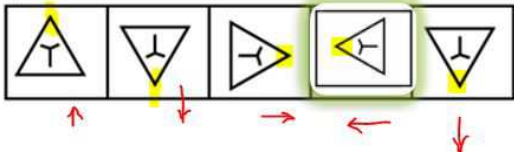
Choose the option which completes the given figure series

PROBLEM FIGURES



Answer: A

Explanation:



First Triangle is in North, Second Triangle is in Opposite to First Triangle in South Direction, Third Triangle is facing East, Similarly Empty Four Circle should be opposite of third. Hence Correct Answer is Triangle facing West.

Correct Answer is A- Circle facing West direction.

Question 9

Select the related word pair from the given alternatives.

Roger Federer : Tennis :: :

- A Pullela Gopichand : Badminton
- B Prakash Padukone : Tennis
- C Ricky Ponting : Football
- D Cristiano Ronaldo : Cricket

Answer: A

Explanation:

As Roger Federer famous for Tennis. Similarly, Pullela Gopichand plays Badminton.

Hence correct Option is A.

Question 10

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

20 : 25 :: 8 : ?

- A 6
- B 10
- C 7
- D 9

Answer: B

Explanation:

If we do cancellation with Ratio method 4:5

$$\begin{array}{ccc}
 20 : 25 :: 8 : 10 \\
 \downarrow \quad \downarrow \\
 4 : 5 \quad \quad 4 : 5
 \end{array}$$

Hence Correct Answer is 10

20 SSC GD Mocks 117 (Latest Pattern)

Question 11

Mona, Kanak, John, Honey, Isha and Lara are watching a movie in a theater which has screen in the north. They are sitting in certain way.

- (i) Only Kanak is sitting between Honey and John.
- (ii) Lara is to the right of Mona who is sitting at extreme left.
- (iii) Isha is to the immediate right of John.

Who is sitting between Kanak and Lara?

- A Honey
- B John
- C Isha
- D Mona

Answer: A

Explanation:

Sequence will be **Mona - Lara - Honey - Kanak - John - Isha**

Hence, Honey is sitting between Kanak and Lara.

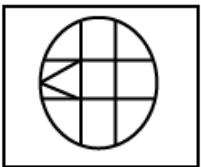
Question 12

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

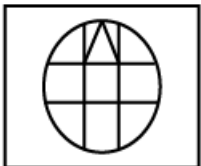
Problem Figure:



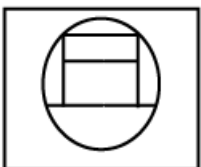
A



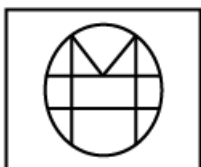
B



C



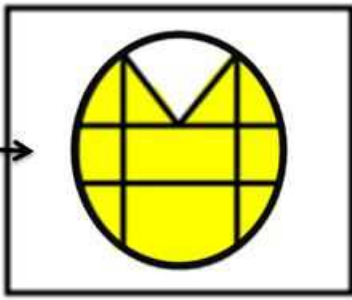
D



Answer: D

Explanation:

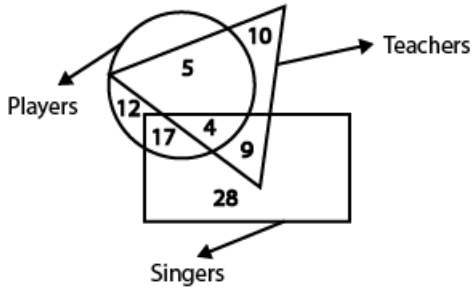
Problem Figure:



Hence Option D is correct.

Question 13

In the given Venn diagram which number shows players who are neither Teachers nor Singers?



A 5

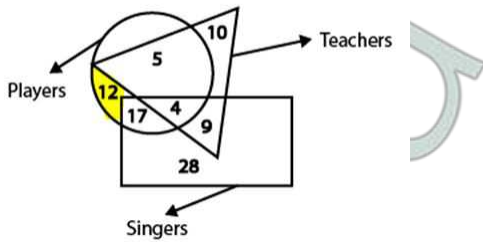
B 17

C 4

D 12

Answer: D

Explanation:



12 has no Teachers neither it has Singers included. Hence Only Option D will Follow.

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

Question 14

Find the missing number from the below options.

64	125	216	343
216	405	512	?

A 1071

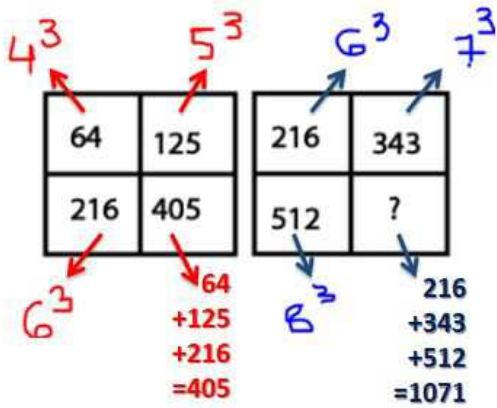
B 1324

C 1096

D 1051

Answer: A

Explanation:



Hence Correct Option is A.

Question 15

If 'L' means ' \times ', 'N' means '+', 'O' means ' \div ', and 'M' means '-', then:

$1000 \text{ O } 5 \text{ N } 66 \text{ M } 33 = ?$

A 433

B 333

C 483

D 233

Answer: D

Explanation:

$1000 \text{ O } 5 \text{ N } 66 \text{ M } 33 = ?$

Lets Input given Symbols in above Equation.

$$1000 \div 5 + 66 - 33 = x$$

$$200 + 66 - 33 = x$$

$$200 + 33 = x$$

$$233 = x$$

Hence Correct Option is D.

Question 16

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

A 16-81

B 49-64

C 4-9

D 25-36

Answer: A

Explanation:

Every Number other than Option A are Square of Adjacent Number(Near Number)

Option B -49-64 (7-8)

Option C -4-9 (2-3)

Option D -25-36 (5-6)

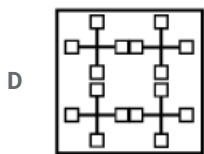
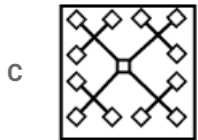
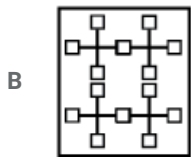
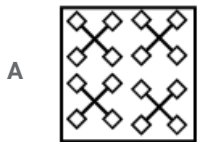
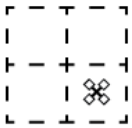
But Option A - Squares are not Adjacent Squares-16-81 (4-9). 4 is far from 9. Hence Option A is Odd one.

SSC MTS Previous Question papers (download pdf)

Question 17

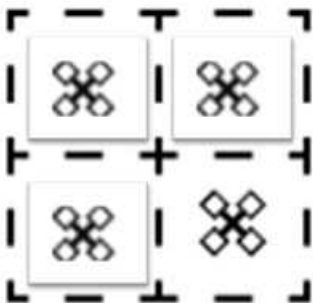
A piece of paper is folded in the manner shown in the question figure(s). Select the figure out of the answer choices showing the unfolded pattern after the punches (cut).

Question Figure:



Answer: A

Explanation:



Option A is correct Option.

Question 18

Select the related word pair from the given alternatives.

Book : Pages :: :

- A Hand : Finger
- B Neck : Collar
- C Tie : Shirt
- D Socks : Feet

Answer: A

Explanation:

Book contain no. of Pages. Similarly Hands contain no. of figures.

Other options do not follow.

Hence, Option A follows.

Question 19

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

- A EAfg
- B eaWT
- C AUrs
- D vwOA

Answer: B

Explanation:

EAfg - 'fg' - Correct f and g are continuous alphabets.

eaWT - 'ea' is not a continuous alphabet. **Incorrect**

AUrs - 'rs' - Correct r and s are continuous alphabets.

vwOA - 'vw' Correct v and w are continuous alphabets.

Hence eaWT is odd option.

Free SSC Study Material (18,000 Solved Questions)

Question 20

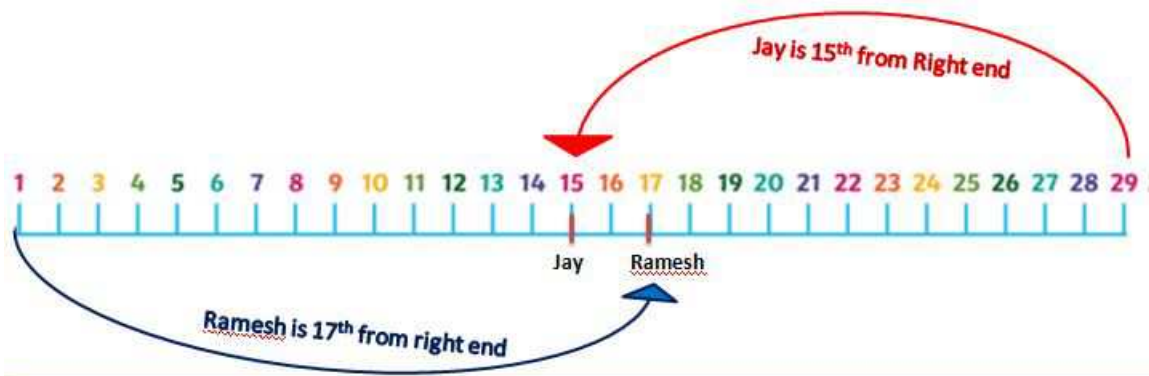
Some children are sitting in a row facing north. Among those, Sameer is 17th from the left and second to the right of Jay, who is 15th from the right of the row, then how many children are there in the row?

- A 31
- B 29
- C 24
- D 30

Answer: B

Explanation:

Correct Answer is 29 people = Jay position + Sameer Position - 2 = 15 + 17 - 3 = 29. See the figure.



Question 21

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

- A Parents
- B Siblings
- C Guardian
- D Ancestor

Answer: B

Explanation:

Parents, Guardian and Ancestor form a same group of Upper level. But Sibling is lower level in blood relation.

Hence Sibling is odd option.

Question 22

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

Statements:

1. Some players are singers.
2. All singers are tall.
3. Some players are strong.

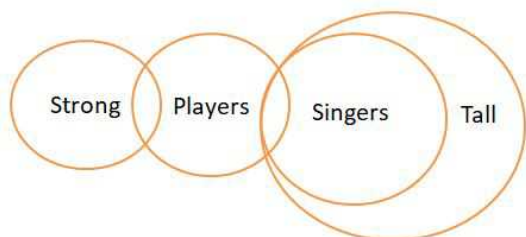
Conclusions:

- I. Some players are tall.
- II. All players are strong.

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

Answer: B

Explanation:



Conclusions:



I. Some players are tall.= True.

II. All players are strong.= False. As Players circle is not completely inside the strong circle.

Hence Only Conclusion I follows.

SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 23

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

8, 13, 21, 38, 62, 99,

A 126

B 136

C 147

D 116

Answer: C

Explanation:

8, 13, 21, 38, 62, 99,

$$8-13 = 5 (2 \times 2 + 1)$$

$$21-38 = 8 (3 \times 3 - 1)$$

$$38-21 = 15 (4 \times 4 + 1)$$

$$62-38 = 24 (5 \times 5 - 1)$$

$$99-62 = 37 (6 \times 6 + 1)$$

Hence Next Sequence will be $(7 \times 7 - 1) + 99 = 147$

Question 24

A, B, C, D, E, F and G are sitting around a circle facing at the centre. D is third to the left of A who is second to the left of F. E is not a neighbour of either F or D. C is third to left of B.

Who is sitting between G and B?

A D only

B F only

C Both F and D

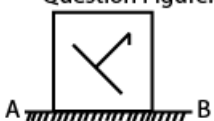
D Data inadequate

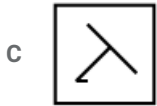
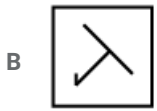
Answer: B

Question 25

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

Question Figure:

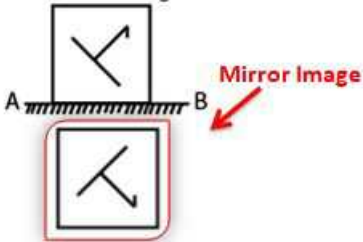




Answer: A

Explanation:

Question Figure:



Always Think Reflection image of mirror image. Correct Answer is A.

SSC Stenographer Previous Papers (Download PDF)

General knowledge

Instructions

For the following questions answer them individually

Question 26

Sikkim was associated with the Union of India by the amendment in 1975.

A 36th

B 1st

C 24th

D 12th

Answer: A

SSC GD Constable Previous Papers

Question 27

Muga silk is the product of the silkworm, endemic to which state?

A Tamil Nadu

B Rajasthan

C Uttar Pradesh

D Assam

Answer: D

Question 28

Who is the first Indian female amputee to climb Mt. Everest?

A Malavath Purna

B Arati Saha

C Arunima Sinha

D Santosh Yadav

Answer: C

Question 29

The place where Dandi Salt March happened lies in the present-day state of:

A Delhi

B Gujarat

C Kashmir

D Kerala

Answer: B

SSC MTS Previous Papers (DOWNLOAD PDF)

Question 30

Colonial rulers struggled with educating the people in the colonies because:

A too much education could lead to higher obedience

B too much education could lead to revolt

C too little education could lead to higher disobedience

D too little education could lead to revolt

Answer: B

Question 31

Who founded the Holkar dynasty, one of the regional Maratha dynasties?

A Malhar Rao

B Raghuji

C Ramoji

D Damaji I

Answer: A

Question 32

As part of the fundamental rights, the Constitution of India guarantees the right to:

- A divorce
- B travel
- C equality
- D marriage

Answer: C

SSC GD Constable Previous Papers (DOWNLOAD PDF)

Question 33

Terylene is a type of:

- A Polyester
- B Acrylic
- C Rayon
- D Nylon

Answer: A

Question 34

Gregor Johann Mendel came up with the theory of inheritance by studying:

- A animals
- B people
- C peas
- D carrots

Answer: C

Question 35

The Ganges is approximately km long.

- A 5000
- B 2500
- C 1000
- D 2000

Answer: B

SSC CGL Previous Papers (DOWNLOAD PDF)

Question 36

In general, resistivity of an alloy its constituent metals.

- A has no correlation to
- B is higher than
- C is lower than
- D is same as

Answer: B

Question 37

People expect democracies to:

- A have differential weight in electing representatives
- B increase inequality
- C result in a poorer country
- D have equal weight in electing representatives

Answer: D

Question 38

The Chand Minar is located in:

- A Maharashtra
- B Madhya Pradesh
- C Uttar Pradesh
- D Kerala

Answer: A

SSC CGL Free Mock Test (Latest Pattern)

Question 39

Limestone, chalk and marble are different forms of:

- A calcium carbonate
- B soda ash
- C sodium chloride
- D sugar

Answer: A

Question 40

The festival 'Me-Dam-Me-Phi' is celebrated by Tai-Ahom communities of which state?

- A Tripura
- B Mizoram
- C Manipur
- D Assam

Answer: D

Question 41

Who was the first Indian lady scientist who worked with organic chemistry and medicinal plant?

- A Asima Chatterjee
- B Arati Saha
- C Aruna Asaf Ali
- D Anusuya Sarabhai

Answer: A

SSC CHSL Free Mock Test (Latest Pattern)

Question 42

Buxa Tiger Reserve is located in:

- A Uttar Pradesh
- B Kerala
- C West Bengal
- D Andhra Pradesh

Answer: C

Question 43

The Sahitya Academy award in Hindi for 2017 was won by:

- A Rana Ayub
- B Ramesh Shah
- C Nasira Sharma
- D Ramesh Megh

Answer: D

Question 44

..... won the 2018 Football World Cup.

- A Germany
- B Brazil

C France

D Croatia

Answer: C

SSC Stenographer Previous Papers (Latest Pattern)

Question 45

In the 2018 Wimbledon, was the winner in the women's finals.

A Martina Hingis

B Venus Williams

C Serena Williams

D Angelique Kerber

Answer: D

Question 46

India's GDP growth in 2017 was:

A 4.5%

B 6.6%

C 11.1%

D 8.8%

Answer: B

Question 47

Red algae are generally found in:

A mountains

B cities

C water bodies

D deserts

Answer: C

SSC GD Constable Free Mock Test (Latest Pattern)

Question 48

In Economic terms, Globalization is the process of rapid between countries.

A Integration

B Competition

C Investment

D Change

Answer: A

Question 49

Belief in the primary importance of the self, the virtues of self-reliance and personal independence is referred to as in Economics.

A Federalism

B Frugalism

C Capitalism

D Individualism

Answer: D

Question 50

In India, district roads are maintained by:

A Zilla parishad

B state government

C central government

D panchayat

Answer: A

SSC MTS Free Mock Test (Latest Pattern)

Quant

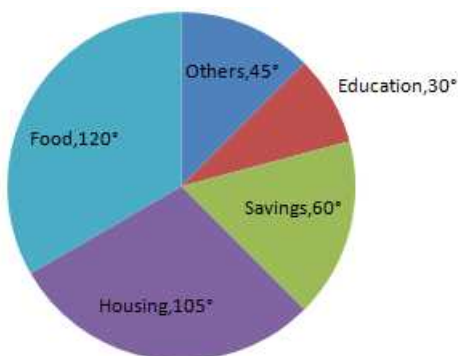
Instructions

For the following questions answer them individually

Question 51

Study the chart and answer the question based, on the pie chart.

The pie chart given below shows expenditures incurred by a family on various items and savings in a month. Savings of the family is ₹ 8,000 in a month.



What is the total expenditure of the family for the month?

A ₹45,000

B ₹48,000

C ₹50,000

D ₹40,000

Answer: D

Explanation:

Given 60 degrees=Rs 8000

360 degrees=Rs 48000

Total expenditure=Rs 48000

SSC CPO Free Mock Test (Latest Pattern)

Question 52

Nitin's money becomes double in 4 years at compound interest. In how many years will it become sixteen times at compound interest?

A 20

B 24

C 16

D 28

Answer: C

Explanation:

$$\text{Given } P\left(1 + \frac{R}{100}\right)^4 = 2P$$

$$\left(1 + \frac{R}{100}\right)^4 = 2$$

$$\left(1 + \frac{R}{100}\right)^n = 2^{1/4}$$

$$P\left(1 + \frac{R}{100}\right)^n = 16P$$

$$\left(1 + \frac{R}{100}\right)^n = 2^4$$

$$\left(1 + \frac{R}{100}\right) = 2^{4/n}$$

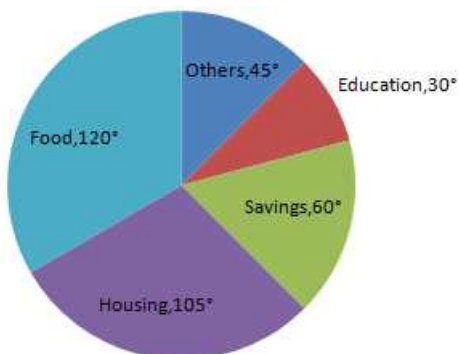
Therefore $4/n = 1/4$

$n = 16$ years

Question 53

Study the chart and answer the question based, on the pie chart.

The pie chart given below shows expenditures incurred by a family on various items and savings in a month. Savings of the family is ₹ 8,000 in a month.



How much more amount is spent on food than on housing?

A ₹2,000

B ₹3,000

C ₹1,000

D ₹2,500

Answer: A

Explanation:

let x be total income

Given $(60/360)*x=8000$

$x=48000$

difference between food and housing is $120-105=15$ degrees

60 degrees=8000

15 degrees=2000

Question 54

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

$21 + 68 \div 17 = ?$

A 25

B 35

C 40

D 10

Answer: A

Explanation:

By applying BODMAS we have

$=21 + (68 \div 17)$

$=21+4$

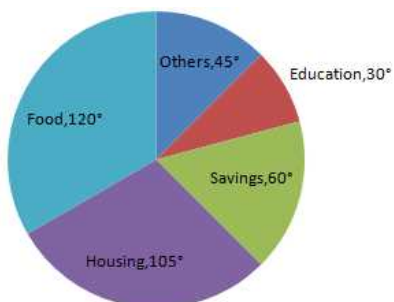
$=25$

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Question 55

Study the chart and answer the question based, on the pie chart.

The pie chart given below shows expenditures incurred by a family on various items and savings in a month. Savings of the family is ₹ 8,000 in a month.



The ratio of the expenditure on food to the savings is:

A 2:1

B 3:4

C 3:2

D 4:3

Answer: A

Explanation:

The angle subtended by food at the center is 120 degrees and by savings is 60 degrees
Therefore required ratio= $120/60$
 $=2:1$

Question 56

If 10 persons can do a job in 20 days. Then 20 persons with the twice efficiency can do the same job in:

- A 15
- B 10
- C 5
- D 20

Answer: C

Explanation:

Given total work= $20 \times 10 = 200$ workdays
twice efficient means they can do work in 10 days but the total number of people also doubled and so they can complete the work in $10/2 = 5$ days

Question 57

25% of a number is 300. The number is:

- A 1000
- B 800
- C 1200
- D 900

Answer: C

Explanation:

Given $x/4 = 300$
 $x = 1200$

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Question 58

The average of numbers 2, 4, 6,, 100 is:

- A 51
- B 50
- C 49.5
- D 50.5

Answer: A

Explanation:

Sum= $2+4+6+8 \dots 100$
 $=2(1+2+3 \dots 50)$
 $=2 \times 50 \times 51/2$

=2550
Average=2550/50
=51

Question 59

If $A : B = 2 : 3$, $B : C = 3 : 4$ and $C : D = 3 : 5$ then value of $A : B : C : D$ is:

- A 6 : 9 : 15 : 20
- B 2 : 3 : 4 : 5
- C 2 : 3 : 5 : 12
- D 6 : 9 : 12 : 20

Answer: D

Explanation:

$A:B=2:3$, $B:C=3:4$, $C:D=3:5$
 $A:B:C=2:3:4$ $C:D=3:5$
 $A:B:C=6:9:12$ $C:D=12:20$
 $A:B:C:D=6:9:12:20$

Question 60

The average of 20, 25, 35, 15, a, 30 is 22.5. The value of a is:

- A 13
- B 12.5
- C 10
- D 15

Answer: C

Explanation:

Sum=125+a
Average=(125+a)/6
125+a=135
a=10

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Question 61

The marked price of an item for sale is ₹ 240. If two successive discount of 10% and 5% are given on the marked price, then the selling price of the item (in ₹) will be:

- A ₹34.80
- B ₹205.20
- C ₹36
- D ₹204

Answer: B

Explanation:

MP-discount=SP

$$SP=240*(90/100)*(95/100)$$
$$=Rs\ 205.2$$

Question 62

Two trains 85 m and 155 m long, run at the speeds of 62 km/h and 82 km/h respectively, in opposite directions on parallel tracks. The time which they take to cross each other is:

- A 4 seconds
- B 5 seconds
- C 6 seconds
- D 8 seconds

Answer: C

Explanation:

As both are travelling in opposite directions relative velocity= $62+82=144$ km/hr
 $144*5/18 =40$ m/s
Total distance= $155+95$
 $=240$ m
Time taken= $240/40$
 $=6$ sec

Question 63

The length, breadth and height of a room are in the ratio of 4 : 3 : 2. The cost of carpeting the floor at ₹ 10 per square meter is ₹ 480. The height of the room is:

- A 10 m
- B 2 m
- C 6 m
- D 4 m

Answer: D

Explanation:

Let length, breadth and height be $4x, 3x$ and $2x$ respectively
Area of the floor= $12x^2$
Total cost of flooring= $12x^2*10$
 $12x^2*10=480$
 $x=2$
 $l=8$ cm, $b=6$ cm and $h=4$ cm

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Question 64

$$11^2 + 11^4 \div 11^3 \text{ of } 11 - 11 = ?$$

- A 111
- B 121
- C 131
- D 101

Answer: A

Explanation:

By simplifying we get $121+1-11$

$=122-11$

$=111$

Question 65

The speed of the 'Train 18' is 180 km/hr. The distance covered by it in 10 seconds is:

A 100 metres

B 500 metres

C 700 metres

D 648 metres

Answer: B

Explanation:

$180 * 1000 / 3600 = 50$ m/s

Distance = speed * time

$= 50 * 10$

$= 500$ meters

Question 66

A copper wire is bent in the form of an equilateral triangle of area $4\sqrt{3} \text{ cm}^2$. If the same wire is bent into the form of a square, the area of the square will be:

A 16 sq.cm

B 9 sq. cm

C 144 sq. cm

D 64 sq.cm

Answer: B

Explanation:

Area of an equilateral triangle = $\frac{\sqrt{3}a^2}{4}$

$\frac{\sqrt{3}a^2}{4} = 4\sqrt{3}$

$a = 4$ cm

Total length = $3 * 4$

$= 12$ cm

Side of each square = $12 / 4$

$= 3$ cm

Area = 9 sqcm

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Question 67

The total area of a circle and a square is equal to 2611 sq. cm. The diameter of the circle is 42 cm. What is the sum of the circumference of the circle and the perimeter of the square? (Take $\pi = \frac{22}{7}$)

A 280 cm

- B 272 cm
C 380 cm
D Cannot be determined

Answer: B

Explanation:

Area of the circle = $\pi * r * r$

$$= \frac{22}{7} * 21 * 21$$
$$= 1386$$

Area of the square = $2611 - 1386$

$$= 1225$$

Side of the square = 35 cm

Perimeter of square = $4s = 140$ cm

Perimeter of circle = $2 * 22 * 21 / 7$

$$= 132 \text{ cm}$$

Sum = $132 + 140$

$$= 272 \text{ cm}$$

Question 68

The amount of profit earned by selling an object for ₹ 524 is equal to the amount of loss suffered by selling it for ₹ 452. What is the cost price of the object?

- A ₹480
B ₹488
C ₹485
D ₹500

Answer: B

Explanation:

Given that $524 - CP = CP - 452$

$$2CP = 976$$

$$CP = \text{Rs } 488$$

Question 69

A circle, with radius 8 cm, which has the area equal to the area of a triangle with base 8 cm. Then the length of the corresponding altitude of triangle is:

- A 38π cm
B 16π cm
C 18π cm
D 8π cm

Answer: B

Explanation:

Area of a circle = $\pi * r * r$

Area of a triangle = $(1/2) * b * h$

$$h = 64\pi * 2 * b / 8$$

$$h = 16\pi$$

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Question 70

The simple interest for the second year on a certain sum at a certain rate of interest is ₹ 1000. What is the sum of the interest accrued on it for the 6th, 7th and 8th years?

- A ₹3200
- B ₹3300
- C ₹3000
- D ₹3630

Answer: C

Explanation:

Simple interest on every year is same and so for any one year it will be 1000 as given
So for the three years given it will be $3 \times 1000 = 3000$

Question 71

If the ratio between two numbers is 3:4. If the first number and second number are increased by 40 % and 50% respectively. Then the new ratio of the numbers is:

- A 9 : 10
- B 11 : 10
- C 3 : 4
- D 7 : 10

Answer: D

Explanation:

Let the numbers be $3x$ and $4x$
New ratio will be $3x \times 1.4 : 4x \times 1.5$
 $= 7 : 10$

Question 72

The difference between the Mode and the Median of a data is 25. What is the difference between the Median and the Mean?

- A 10.5
- B 16
- C 12.5
- D 14

Answer: C

Explanation:

We know that $3 \text{ median} - 2 \text{ mean} = \text{mode}$
Given $\text{mode} - \text{median} = 25$
 $\text{mode} = \text{median} + 25$
therefore $3 \text{ median} - 2 \text{ mean} = \text{median} + 25$
 $2 \text{ median} - 2 \text{ mean} = 25$
 $\text{median} - \text{mean} = 12.5$

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Question 73

Which is the least four-digit number which when divided by 5, 6 and 8 leaves remainder 2 in each case?

- A 1032
- B 1062
- C 1042
- D 1082

Answer: D

Explanation:

LCM of 5,6 and 8 is 120

Required number will be in the form of $120x+2$ as all leave same remainder 2

We require least 4 digit number and so for $x=9$ we have $120*9+2=1080+2=1082$

Question 74

The ratio of spirit and water is 2 : 5. If the volume of solution is increased by 50% by adding spirit only. What is the resultant ratio of spirit and water?

- A 9 : 10
- B 12 : 15
- C 11 : 10
- D 3 : 4

Answer: C

Explanation:

Let the spirit and water content be $2x$ and $5x$

Total quantity = $7x$

Half of $7x=3.5x$

So $3.5x$ of spirit is added to it.

Total spirit = $2x+3.5x$

Total water = $5x$

Ratio = $10:11$

Question 75

A trader sold an item at a loss of 20%. Had he sold it for ₹100 more, he would have gained a profit of 5%. What is the cost price of the item?

- A ₹ 250
- B ₹ 200
- C ₹ 25
- D ₹ 400

Answer: D

Explanation:

Let the Cost Price be Rs. $100x$

Loss = 20%
Selling Price = 80% of 100x = Rs.80x
Profit = 5%
Selling Price = 105% of 100x = Rs.105x
Given, Rs.105x - Rs.80x = Rs.100
Rs.25x = Rs.100
=> x = 4
Therefore, Cost Price = Rs.100x = Rs.100*4 = Rs.400

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Instructions

For the following questions answer them individually

Question 76

Select the most appropriate word to fill in the blank.

Stainless steel pans are usually provided copper bottoms.

- A from
- B by
- C with
- D under

Answer: C

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Question 77

Select the synonym of the given word.

JUSTICE

- A Equality
- B Liberty
- C Fraternity
- D Fairness

Answer: D

Question 78

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

The rearing of silkworms for obtained silk is called sericulture.

- A for obtained
- B silk is
- C called sericulture
- D The rearing

Answer: A

Instructions

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

Passage:

Our stomach contains hydrochloric acid. It (1)..... us to digest food, but too much acid (2)..... the stomach causes indigestion. (3)..... indigestion is painful. To (4)..... indigestion, we take (5)..... antacid such as milk of magnesia.

Question 79

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

- A benefits
- B helps
- C cures
- D utilizes

Answer: B

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Question 80

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

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

Answer: B

Question 81

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

- A Whenever
- B Finally
- C Always
- D Sometimes

Answer: D

Question 82

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

- A soften
- B better
- C correct

D relieve

Answer: D

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Question 83

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

A one

B a

C the

D an

Answer: D

Instructions

For the following questions answer them individually

Question 84

Select the most appropriate word to fill in the blank.

Some regions of our country still remain to the average man.

A explored

B accessible

C inaccessible

D impossible

Answer: C

Question 85

Select the wrongly spelt word.

A Possession

B Particular

C Permanent

D Personal

Answer: B

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Question 86

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

The science of the causes and effects of diseases

A Pathology

- B Cardiology
- C Physiology
- D Zoology

Answer: A

Question 87

Select the synonym of the given word.

LETHARGIC

- A Industrious
- B Active
- C DILIGENT
- D Lazy

Answer: D

Question 88

Select the wrongly spelt word.

- A Hindrance
- B Humorous
- C Hypocrisy
- D Harrassment

Answer: D

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Question 89

Select the meaning of the given idiom.

Cast the first stone

- A To be deeply involved
- B To be the first to find fault
- C To start a fight
- D To praise first of all

Answer: B

Question 90

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

A clinical thermometer consists of a long, narrow, uniform glass tube.

- A No substitution required

- B is containing the
- C composed of
- D consisted in a

Answer: A

Question 91

Select the meaning of the given idiom.

Mootpoint

- A Controversial issue
- B Common Belief
- C Basic idea
- D Improper thought

Answer: A

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Question 92

Identify the segment in the sentence which contains the grammatical error from the given options.
In winter, sheeps are kept indoors and fed on leaves, grain and dry fodder.

- A sheeps are
- B In winter
- C kept indoors
- D fed on

Answer: A

Question 93

Select the most appropriate word to fill in the blank.
Rumours spread that he soon order the army to open fire.

- A would be
- B will be
- C would have
- D would

Answer: D

Question 94

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

The people living in the coastal areas experience a interested phenomenon.

- A No substitution required

- B the interested phenomenon
- C interestingly phenomenon
- D an interesting phenomenon

Answer: D

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Question 95

Select the antonym of the given word.

ELEGANT

- A Unmatched
- B Undignified
- C Graceful
- D Refined

Answer: B

Question 96

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

The study of human societies and cultures and their development

- A Choreography
- B Calligraphy
- C Physiotherapy
- D Anthropology

Answer: D

Question 97

Select the antonym of the given word.

CURSORY

- A Thorough
- B Temporary
- C Superficial
- D Casual

Answer: A

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Question 98

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

The larvae, also called caterpillars eat day and night and increase enormousin size.

- A enormous in size
- B and increase
- C also called
- D eat day and night

Answer: A

Question 99

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

The eggs are warmed to a suitable temperature for the larvae to hatching from eggs.

- A to hatch from eggs.
- B hatched from eggs.
- C No substitution required
- D hatch from eggs.

Answer: A

Question 100

Select the most appropriate word to fill in the blank.

People like to work for organizations that take interest in their personal and growth.

- A professional
- B physical
- C social
- D financial

Answer: A

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