



SSC CHSL 4 July 2019 Shift-1

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Reasoning

Instructions

For the following questions answer them individually

Question 1

'Hard work' is related to 'Success' in the same way as 'Crime' is related to '_____':

- A Society
- B Police
- C Reward
- D Punishment

Answer: D

Explanation:

It is working as cause and effect. if hard work is the cause, Success is the effect, similarly if crime is the cause , punishment is the effect.

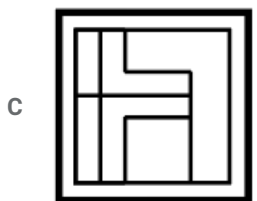
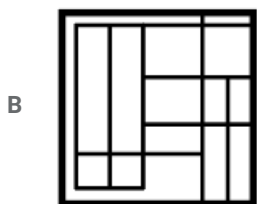
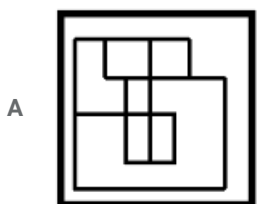
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Question 2

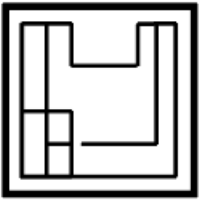
Select the option figure which contains figure X embedded in it as its part. (Rotation is not allowed)



Figure-X



D



Answer: B

Question 3

Three different positions of the same dice, which has one to six dots on its six faces, are shown below. When one dot is at the bottom the number of dots on the top will be:



A 3

B 5

C 4

D 2

Answer: A

Explanation:

the only value that can be there is 3 as all the other numbers directly interact with the correct logic of the dice.

Question 4

Three persons A, B and C have different amount of rupees with them. If A gives ₹11 to C, A will have equal amount as B has. A and B together have total ₹245. How many rupees does B have?

A 119

B 118

C 116

D 117

Answer: D

Explanation:

$$A + B = 245$$

$$A - 11 = C$$

$$\text{Now } A = B$$

$$\text{Now } A + B = 245 - 11 = 234$$

$$A = 117 = B$$

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Question 5

In a code language, 'POSSIBLE' is written as 'QRUUDKGN'. How will 'POSSIBLE' is written as 'QRUUDKGN' be written as in that language ?

- A BHGUGYNN
- B CIGTGZNN
- C CHGTGYNN
- D CHGTGYMM

Answer: C

Explanation:

'POSSIBLE' is written as 'QRUUDKGN'

Check the pattern here,

$$P + 1 = Q$$

$$O + 3 = R$$

$$S + 2 = U$$

$$S + 2 = U$$

$$I + 2 = K \text{ AND } B + 2 = D \text{ (positions interchanged)}$$

$$L + 2 = N \text{ and } E + 2 = G \text{ (positions interchanged)}$$

hence, by applying the same pattern, we get, FAREWELL = CHGTGYNN

Question 6

Which two signs should be interchanged in the following equation to make it correct?

$$207 \times 9 + 13 \div 26 - 301 = 60$$

- A + and -
- B + and ×
- C × and ÷
- D + and ÷

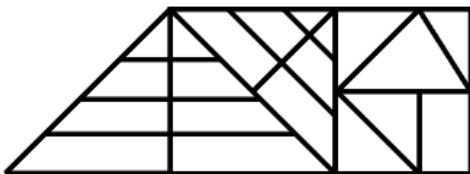
Answer: C

Explanation:

Trial and error method. try every options. here we get it with C

Question 7

How many triangles are there in the figure given below ?



- A 27
- B 25
- C 26
- D 28

Answer: C

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Question 8

Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- A DJMG
- B UADX
- C RXBU
- D JPSM

Answer: C

Explanation:

here pattern exist in 1st and 4th as well as 2nd and 3rd letters.

Take for the first one,

$$DJMG = D + 3 = G$$

$$J + 3 = M$$

but for RXBU

$$R + 3 = U$$

$$X + 4 = B$$

Question 9

Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.

BVCZ21Qf

A **fQ12ZCBV**

B **fQ12ZCBV**

C **fQ12ZCBV**

D **fQ12ZCBV**

Answer: D

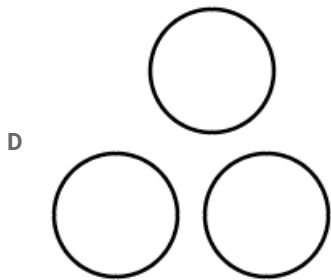
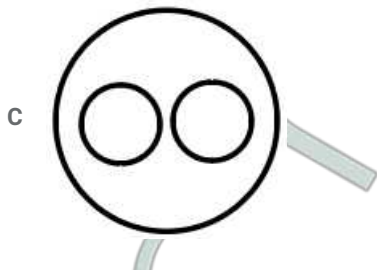
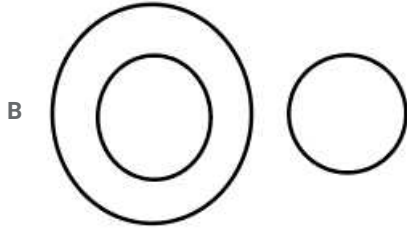
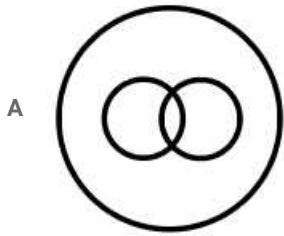
Explanation:

The only possible value is D, where no vertical flipping of character is present.

Question 10

Select the Venn diagram that best illustrates the relationship between the following classes.

Cucumber, Spices, Food



Answer: C

Explanation:

Both cucumber and spices are different categories of food, but they fall under food. Hence C.

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Question 11

Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some ants are bats.

Some ants are crabs.

Conclusions:

I. Some bats are crabs.

II. No crab is ant.

III. No bat is crab.

A Only conclusions I and II follow.

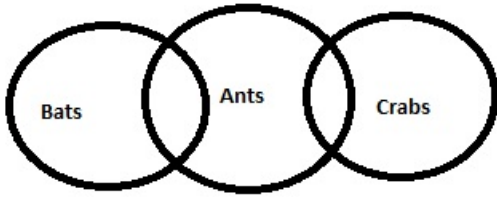
B Either conclusion I or III follow.

C Only conclusions I and III follow

D Either conclusion I or II follow.

Answer: B

Explanation:



I. Some bats are crabs.- my be or may not be

II. No crab is ant.never ever

III. No bat is crab. -may be or may not be

Independently not possible, but either of i and iii is true

Question 12

Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- A Worker
- B Tailor
- C Farmer
- D Carpenter

Answer: A

Explanation:

Worker is not a specific term here. Whereas all others are specific workers like someone is a tailor.

Question 13

Select the set in which the numbers are related in the same way as are the numbers of the following set.
8, 9, 145

- A 10, 11, 121
- B 6, 8, 104
- C 7, 8, 117
- D 6, 7, 85

Answer: D

Explanation:

8,9,145

Multiply the first two numbers = $8 \times 9 = 72$ then double it = $72 \times 2 = 144$

Then difference of the first two numbers = $9 - 8 = 1$

Add it to the first number = $144 + 1 = 145$

The same goes with, 6,7,85

$6 \times 7 = 42 \times 2 = 84$

7-6=1

84+1=85

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Question 14

If 'REGIONAL' is coded as '185791514112', then how will 'PICTURES' be coded in the same language?

- A 1693202219520
- B 1793202118520
- C 1693192117523
- D 1693202118519

Answer: D

Explanation:

Here the place value of the alphabets are placed.

'REGIONAL' is coded as '185791514112'

Where R = 18, E = 5 and so on,

Similarly, PICTURES will be 1693202118519

Question 15

Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
53 : 477

- A 45 : 460
- B 55 : 525
- C 43 : 367
- D 39 : 351

Answer: D

Question 16

Which number will replace the question mark (?) in the following series?
15, 43, 83, 137, 207, ?

- A 297
- B 295
- C 292
- D 294

Answer: B

Explanation:

15, 43, 83, 137, 207, 295
28, 40, 54, 70, 88
12, 14, 16, 18

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Question 17

Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

- A 317
- B 349
- C 347
- D 319

Answer: D

Explanation:

All are prime numbers except 319

Question 18

Select the correct alternative to indicate the arrangement of the following phrases in a logical and meaningful order.

1. Vacant post in organization
2. Receiving Applications
3. Conducting written test and interviews
4. Inviting applications for post
5. Job offer to selected candidates
6. Joining and on-the-job training

- A 1, 4, 2, 3, 5, 6
- B 1, 4, 3, 2, 5, 6
- C 4, 1, 3, 5, 2, 6
- D 4, 1, 5, 2, 6, 3

Answer: A

Explanation:

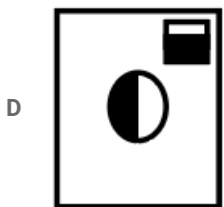
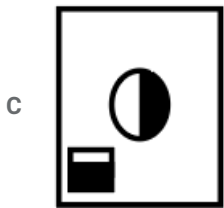
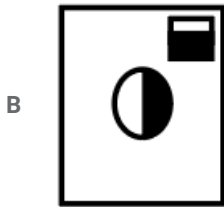
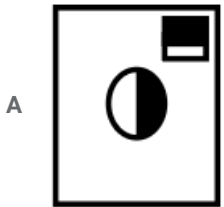
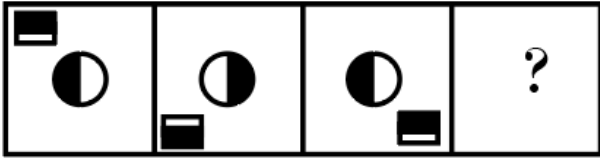
Correct order should be:-

1. Vacant post in organization
4. Inviting applications for post
2. Receiving Applications
3. Conducting written test and interviews

- 5. Job offer to selected candidates
- 6. Joining and on-the-job training

Question 19

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



Answer: B

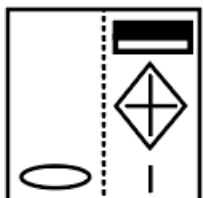
Explanation:

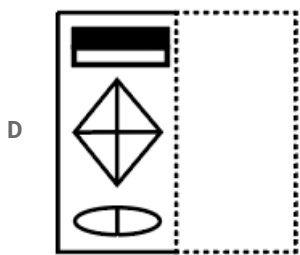
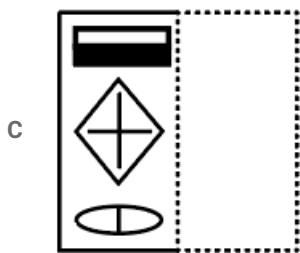
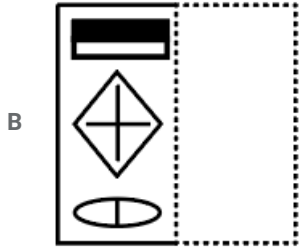
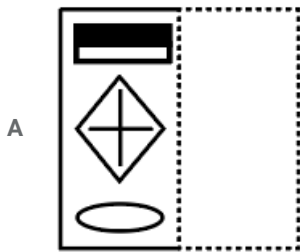
There are two things happening, the whole inside box is flipping along with the inside layer of black and white.

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Question 20

A figure of transparent sheet with a pattern is given below. Figure out from amongst the four options as to how the pattern would appear when the transparent sheet is folded at the dotted line.





Answer: B

Explanation:

The line will just overlap the ellipse, and the remaining figure will have no flip vertical image.

Question 21

$A + B$ means 'A is sister of B'

$A - B$ means 'A is son of B'

$A \times B$ means 'A is husband of B'

$A \div B$ means 'A is mother of B'

If $P + Q \div C - D - L \times J$, then how is J related to Q ?

A Daughter

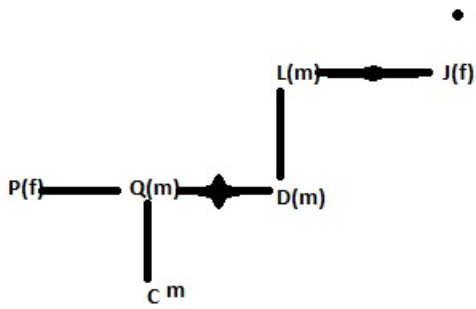
B Mother

C Mother-in-law

D Father-in-law

Answer: C

Explanation:



Hence mother in law

Question 22

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

RDPC : NHLG :: SKDG : ?

- A OOKZ
- B OPZK
- C OOKY
- D NOYK

Answer: A

Explanation:

RDPC : NHLG

R - 4 = N

D + 4 = H

P - 4 = L

C + 4 = G

Following the same pattern, we get the desired result.

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Question 23

Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

T C _ M B C _ N T _ Q M _ C D _ T _ Q M B _ D N

- A QBCDNNC
- B TDCBNCD
- C QDCBNCC
- D QDDBCCN

Answer: C

Explanation:

Trail and error method.

Question 24

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

- A Fungi : Phycology
- B Rocks : Astronomy
- C Flowers : Zoology
- D Plants : Botany

Answer: D

Explanation:

Study of fossils is paleontology and study of plants is botany

Question 25

Select the set in which the numbers are related in the same way as are the numbers of the following set.
(94, 44, 82)

- A (64, 58, 42)
- B (48, 31, 76)
- C (98, 68, 86)
- D (78, 40, 88)

Answer: B

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General knowledge

Instructions

For the following questions answer them individually

Question 26

According to Indian Bureau of Mines, which of the following states has the largest reserve of silver in India in 2018?

- A Gujarat
- B Bihar
- C Maharashtra
- D Rajasthan

Answer: D

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Question 27

Which one of the following is defined as "the proportion of highly liquid assets held by financial institutions, to ensure their ongoing ability to meet short-term obligations"?

- A Base Rate
- B Cash Reserve Ratio
- C Statutory Liquidity Ratio
- D Liquidity Coverage Ratio

Answer: D

Question 28

Which of the following books was NOT written by the great Indian poet and dramatist Mahakavi Kalidas?

- A Malvikagnimitram
- B Ritusamhara
- C Shakuntala
- D Malatimadhava

Answer: D

Question 29

Which of the following are flowerless plants that produce cones and seeds in which seeds are not encased within an ovary?

- A Bryophytes
- B Gymnosperms
- C Hydrophytes
- D Angiosperms

Answer: B

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Question 30

Which mountains are on India's eastern border with Myanmar ?

- A Karakoram
- B Vindhya
- C Purvanchal
- D Satpura

Answer: C

Question 31

Who defeated India's Sourav Kothari in final to win the 2019 Pacific International Billiards Championship?

- A William Cook
- B Michael Phelan

- C Joe Davis
- D Peter Gilchrist

Answer: D

Question 32

In May 2019, which one of the following organisations was banned by the government of India?

- A Deendar Anjuman
- B Harkat-Ul-Mujahideen
- C Al Badr
- D Jamaat-ul-Mujahideen Bangladesh

Answer: D

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Question 33

Which former judge of the Supreme Court of India was appointed as the Chairperson of the News Broadcasting Standards Authority in May 2019?

- A Arun Mishra
- B A K Sikri
- C R V Raveendran
- D Ranjan Gogoi

Answer: B

Question 34

The Cheriyal Scrolls is a dying art form of India practised by one family called the Nakashi family for many generations. Name the modern day state which owns this art form.

- A Telangana
- B West Bengal
- C Karnataka
- D Tamil Nadu

Answer: A

Question 35

Where was the second Shanghai Cooperation Organization Mass Media Forum held from 23-26 May 2019?

- A India
- B Beijing
- C Uzbekistan

D Kyrgyzstan

Answer: D

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Question 36

To which state does the noted Padma Shri awardee and Sufi saint Ibrahim Sutar belong?

A Karnataka

B Telangana

C Andhra Pradesh

D Kerala

Answer: A

Question 37

Who among the following pioneered binary logic and arithmetic in computers programming?

A John Backus

B Noam Chomsky

C Claude Shannon

D Leslie Lamport

Answer: C

Question 38

All the four rivers mentioned below are rivers of Kerala. Which of these is the southern most river of the state?

A Kuppam River

B Neyyar River

C Periyar River

D Chaliyar River

Answer: B

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Question 39

Who among the following was elected and sworn in as the 6th President of Ukraine in April- May 2019 ?

A Stepan Kubiv

B Volodymyr Zelensky

C Petro Poroshenko

D Oleksandr Turchynov

Answer: B

Question 40

Desktop computers, laptop computers, tablets and smartphones are different types of_____.

- A minicomputers
- B supercomputers
- C mainframe computers
- D microcomputers

Answer: D

Question 41

In May 2019, who among the following became the only mountaineer in the world to hold the record for most summits on Mount Everest?

- A Phu Dorjee
- B Andrew Irvine
- C Kami Rita Sherpa
- D Phurba Tashi

Answer: C

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Question 42

As of June 2019, who among the following is the chairman of the 15th Finance Commission of India?

- A Arvind Panagariya
- B Y V Reddy
- C Shaktikanta Das
- D N K Singh

Answer: D

Question 43

Who is the author of the autobiography 'Playing It My Way'?

- A Sachin Tendulkar
- B Leander Paes
- C Kapil Dev
- D Mahesh Bhupathi

Answer: A

Question 44

What is the SI unit of pressure?

- A Volt
- B Ampere
- C Ohm
- D Pascal

Answer: D

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Question 45

Who among the following was killed by Chhatrapati Shivaji in the Battle of Pratappgarh ?

- A Asghar Khan
- B Shaista Khan
- C Shuja Khan
- D Afzal Khan

Answer: D

Question 46

What is India's rank among the 180 countries on the 'Environmental Performance Index 2018', according to the biennial report by Yale and Columbia Universities along with the World Economic Forum?

- A 177
- B 147
- C 167
- D 157

Answer: A

Question 47

As per the Constitution of India, the President may resign his office by writing under his hand addressed to:

- A Chief Election Commissioner
- B The Chairman of Rajya Sabha
- C The Chief Justice of India
- D The Vice President

Answer: D

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Question 48

Which of the following is NOT a water borne disease?

- A Cholera
- B Mumps
- C Hepatitis
- D Typhoid

Answer: B

Question 49

Who among the following was the first Indian Cricketer to hit a century in the very first session of a Test match?

- A Virat Kohli
- B Shikhar Dhawan
- C Prithvi Shaw
- D Rishabh Pant

Answer: B

Question 50

The First Health Minister of Independent India was _____.

- A Sardar Vallabhbhai Patel
- B Maulana Abdul Kalam Azad
- C Rajkumari Amrit Kaur
- D Vijayalakshmi Pandit

Answer: C

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Quant

Instructions

For the following questions answer them individually

Question 51

The simplified value of $3 \times 6 \div 4$ of $6 - 6 \div 2 \times (4 - 6) + 4 - 2 \times 3 \div 6$ of $\frac{1}{3}$ is:

- A $1\frac{3}{4}$
- B $8\frac{1}{3}$
- C $7\frac{3}{4}$
- D $13\frac{3}{4}$

Answer: C

Explanation:

$$3 \times 6 \div 4 \text{ of } 6 - 6 \div 2 \times (4 - 6) + 4 - 2 \times 3 \div 6 \text{ of } \frac{1}{3}$$

$$3 \times 6 \div 24 - 6 \div 2 \times (4 - 6) + 4 - 2 \times 3 \div 2 \text{ (and Hence Follow the BODMAS rule we get)}$$

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Question 52

The average of n numbers is 36. If each of 75% of the numbers is increased by 6 and each of the remaining numbers is decreased by 9, then the new average of the numbers is:

- A 36.25
- B 33.75
- C 37.125
- D 38.25

Answer: D

Question 53

If $8(a + b)^3 + (a - b)^3 = (3a + b)(Aa^2 + Bab + Cb^2)$, then what is the value of $(A + B - C)$?

- A 4
- B 2
- C 11
- D 10

Answer: B

Question 54

If a 10-digit number $75y97405x2$ is divisible by 72, then the value of $(2x - y)$, for the greatest value of x, is:

- A 24
- B 21
- C 18
- D 12

Answer: D

Explanation:

To make the $75y97405x2$ is divisible by 72, it should be divisible by both 8 as well as 9. Since we have to find the greatest number for which it should be divisible by both 8 and 9. For $x = 9$, we have 592 which is divisible by 8, and we need $y = 6$ to make the whole number divisible by 9.

hence $2x - y = 12$

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Question 55

In $\triangle ABC$, D is a point on BC such that $\angle BAD = \frac{1}{2} \angle ADC$, $\angle BAC = 87^\circ$ and $\angle C = 42^\circ$. What is the measure of $\angle ADB$?

- A 94°
- B 102°
- C 78°
- D 68°

Answer: C

Question 56

ABCD is a cyclic quadrilateral such that its sides AD and BC produced meet at P and sides AB and DC produced meet at Q. If $\angle A = 62^\circ$ and $\angle ABC = 74^\circ$, then the difference between $\angle P$ and $\angle Q$ is:

- A 44°
- B 38°
- C 32°
- D 23°

Answer: C

Question 57

If $x^2 - 6x + 1 = 0$, then the value of $(x^4 + \frac{1}{x^2}) \div (x^2 + 1)$ is:

- A 36
- B 33
- C 35
- D 39

Answer: B

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Question 58

For θ being an acute angle, if $\operatorname{cosec} \theta = 1.25$, then the value of $\frac{4 \tan \theta - 5 \cos \theta}{\sec \theta + 4 \cot \theta}$ is equal to:

- A $\frac{1}{2}$
- B $\frac{1}{4}$
- C $\frac{4}{7}$
- D $\frac{3}{7}$

Answer: A

Question 59

In a circle with centre O, AB is a diameter. Points C, D and E are on the circle on one side of AB such that ABEDC is a pentagon. The sum of angles ACD and DEB is:

- A 240°
- B 225°
- C 180°
- D 270°

Answer: D

Explanation:

AOB is a diameter of the circle, C, E, D are three points on the circle

To find: $\angle ACD + \angle BED$

Construction: Join CO, DO and EO

Assume $AC = CD = AO$

Assume $DE = EB$

So in $\triangle ACO$

It is an equilateral triangle, hence $\angle ACO = 60^\circ$

In $\triangle CDO$

It is an equilateral triangle, hence $\angle DCO = 60^\circ$

$\angle DOE = \angle EOB$

As $\angle AOB = 180^\circ$

So $180^\circ = \angle AOC + \angle COD + \angle DOE + \angle EOB$

And $\angle AOC = \angle COD = 60^\circ$

And $\angle DOE = \angle EOB$

Hence $2\angle DOE = 180^\circ - 60^\circ - 60^\circ$

$\angle DOE = 30^\circ$

In $\triangle ODE$

$\angle ODE = \angle OED$ (isosceles triangle)

And $\angle ODE + \angle OED + \angle DOE = 180^\circ$

So $2\angle ODE = 180^\circ - 30^\circ = 150^\circ$

So $\angle ODE = 75^\circ$

In $\triangle OEB$

$\angle OEB = \angle OBE$ (isosceles triangle)

And $\angle OEB + \angle OEB + \angle BOE = 180^\circ$

So $2 \angle OEB = 180^\circ - 30^\circ = 150^\circ$

So $\angle OEB = 75^\circ$

So $\angle ACD + \angle BED = \angle ACO + \angle DCO + \angle DEO + \angle BEO = 60^\circ + 60^\circ + 75^\circ + 75^\circ = 270^\circ$

Question 60

A train covers a certain distance in 45 minutes. If its speed is reduced by 5 km/h, it takes 3 minutes more to cover the same distance. The distance (in km) is:

- A 54
- B 80
- C 64
- D 60

Answer: D

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Question 61

The parallel sides of a trapezium are 20 cm and 10 cm and its non-parallel sides are equal to each other. If its area is 180 cm^2 , then what is the length (in cm) of each non-parallel side?

- A 12
- B 11
- C 15
- D 13

Answer: D

Question 62

Income of A and B are in the ratio 5 : 3 and their expenditures are in the ratio 9 : 5. If income of A is twice the expenditure of B, then what is the ratio of savings of A and B?

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

Answer: D

Question 63

A can do 40% of a work in 6 days and B can do 30% of the same work in 3 days. They started the work together but B left after 2 days and A continued to work. In how many days was the entire work completed?

- A 12
- B 15
- C 9
- D 10

Answer: A

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Question 64

A shopkeeper marks his goods at 25% above the cost price. He sells three-fourth of the goods at the marked price and the remaining at 40% discount on the marked price. His gain/loss percent is:

- A Loss, 12.5%
- B Gain, 10.5%
- C Gain, 12.5%
- D Loss, 8.75%

Answer: C

Explanation:

Let number of goods = y and Price of each good = Rs. x Total = xy

$$\text{M.p.} = \frac{5x}{4}$$

$$\text{For } 3/4\text{th of goods, Sp} = \frac{3y}{4} * \frac{5x}{4} = \frac{15xy}{16}$$

$$\text{For } 1/4\text{th of goods, Sp} = \frac{y}{4} * \frac{3x}{5} * \frac{5x}{4} = \frac{3xy}{16}$$

$$\text{Profit} = \frac{15xy + 3xy - 16xy}{16} \quad \text{Hence profit percentage} = \left(\frac{xy}{8} / (xy) \right) * 100 = 12.5 \text{ percent profit}$$

Question 65

For $0^\circ < \theta < 90^\circ$, if $\frac{\sec \theta (1 - \sin \theta) (\sec \theta + \tan \theta)}{(\sec \theta - \tan \theta)^2} = \frac{1+k}{1-k}$, then k is equal to:

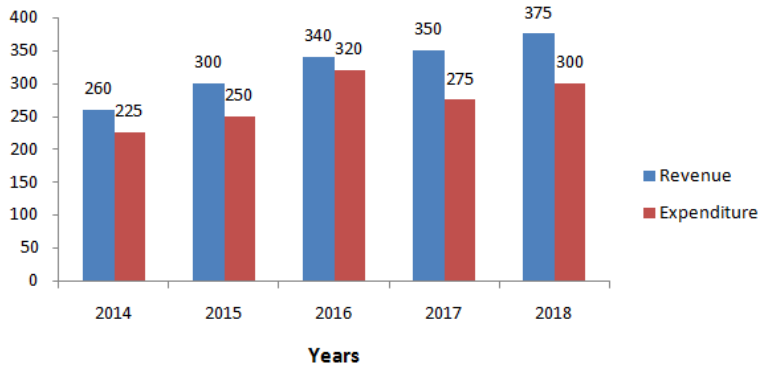
- A $\cos \theta$
- B $\operatorname{cosec} \theta$
- C $\sec \theta$
- D $\sin \theta$

Answer: D

Instructions

The given Bar Graph presents the Revenue and Expenditure (in crores of Rupees) of a company during the five year period, 2014-2018.

Revenue and Expenditure (in ₹ crores) of a company during 2014 to 2018



Question 66

In which year the percentage increase in the revenue as compared to that in its preceding year is between 5% and 8% ?

- A 2016
- B 2018
- C 2017
- D 2015

Answer: B

Explanation:

Check for all the years, Like for 2018(375) and 2017(350)

$$\text{Hence percentage increase} = \frac{25}{350} * 100 = 7\%$$

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Question 67

The total expenditure of the company from 2016 to 2018 is what percentage (nearest to an integer) of the total revenue for the five year period ?

- A 54
- B 55
- C 56
- D 53

Answer: B

Explanation:

Required expenditure for the given years = 895

Total revenue for 5 years = 1625

$$\text{Percentage} = \frac{895}{1625} = 55\%$$

Instructions

For the following questions answer them individually

Question 68

△ABC is a triangle, where ∠B is obtuse. AD is perpendicular on CB produced at D. If AB = 8cm, BC = 7 cm and BD = 4 cm, then AC is equal to:

- A 15cm
- B 14cm
- C 12cm
- D 13cm



Answer: D

Question 69

If $x + y + z = 3$ and $xy + yz + zx = -18$, then what is the value of $x^3 + y^3 + z^3 - 3xyz = ?$

- A 217
- B 189
- C 191
- D 187

Answer: B

Explanation:

Formula,

$$x^3 + y^3 + z^3 - 3xyz = (x + y + z) * ((x + y + z)^2 - 3(xy + yz + zx))$$

Put the required values, we get = 189

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Question 70

For $0^\circ < \theta < 90^\circ$, if $2 \cos^2 \theta = 3 \sin \theta$, then the value of $(\operatorname{cosec}^2 \theta - \cot^2 \theta + \cos^2 \theta)$ is equal to:

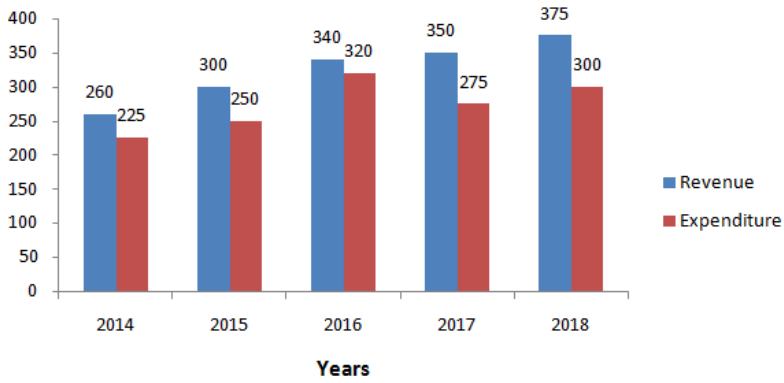
- A $\frac{1}{2}$
- B $\frac{3}{4}$
- C $\frac{1}{4}$
- D $\frac{3}{24}$

Answer: B

Instructions

The given Bar Graph presents the Revenue and Expenditure (in crores of Rupees) of a company during the five year period, 2014-2018.

Revenue and Expenditure (in ₹ crores) of a company during 2014 to 2018



Question 71

The expenditure of the company in 2017 is what percentage less than the average revenue (per year) in 2014, 2015 and 2016?

- A $11\frac{2}{9}$
- B $11\frac{1}{9}$
- C $8\frac{1}{3}$
- D $12\frac{1}{3}$

Answer: C

Explanation:

Expenditure in 2017 - 275

Revenue in 2014, 2015, 2016 = 900

Average revenue in 2014, 2015, 2016 = 300

$\frac{25}{300} * 100 = 25/3 \%$. Hence C.

Question 72

What is the ratio of the total revenue of the company in 2015 and 2018 to that of its expenditure in 2014 and 2018?

- A 9:7
- B 5:4
- C 13:10
- D 7:5

Answer: A

Explanation:

Total revenue for the mentioned years = 675

Total expenditure for the mentioned years = 525

Hence, Ratio = $675/525 = 9:7$

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Instructions

For the following questions answer them individually

Question 73

Three articles are bought at ₹200 each. One of them is sold at a loss of 10%. If the other two articles are sold so as to gain 20% on the whole transaction, then what is the gain percent on the two articles?

- A 35
- B 28
- C 32
- D 30

Answer: A

Explanation:

Total cost price of the 3 articles = 600

To gain 20% on the whole, selling price should be $\frac{120}{100} * 600 = 720$

In one, there is a loss of 10%, that means the selling price for the loss article is $\frac{90}{100} * 200 = 180$.

Remaining price = $720 - 180 = 540$. total profit for two = 140

Hence profit for each = 70.

Hence percentage = $\frac{70}{200} * 100 = 35\%$

Question 74

A sum invested at 8% p.a. amounts to ₹20280 at the end of one year, when the interest is compounded half yearly. What will be the simple interest on the same sum for $4\frac{3}{5}$ years at double the earlier rate of interest ?

- A ₹13500
- B ₹13800
- C ₹14200
- D ₹14500

Answer: B

Question 75

Sudha decided to donate 12% of her monthly income to an orphanage. On the day of donation, she changed her decision and donated a sum of ₹4800 which was equal to 80% of what she had decided earlier. What is 27% of her monthly income?

- A ₹11934
- B ₹13959
- C ₹14040
- D ₹13500

Answer: D

Explanation:

Let her salary be x

First she decided to donate 12% of her salary i.e. $\frac{12}{100}x$

Later she changed her mind, now decided to donate 80% of what she has decided earlier, i.e. $\frac{12}{100}x * \frac{80}{100} = \frac{9.6}{100}x$

by the problem,

9.6
 $100x = 4800$

$\Rightarrow x = 50000$

therefore 27% of $x = 13500$

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English

Instructions

For the following questions answer them individually

Question 76

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

The ceremony will following by tea and refreshments for the guests.

- A will follow with
- B No improvement
- C will be followed by
- D will followed by

Answer: C

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Question 77

Select the correct passive form of the given sentence.

The mechanic repaired my car quite satisfactorily.

- A The mechanic was repaired quite satisfactorily by my car.
- B My car repaired quite satisfactorily by the mechanic.
- C My car is repaired quite satisfactorily by the mechanic.
- D My car was repaired quite satisfactorily by the mechanic.

Answer: D

Question 78

Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. On the morning of April 12, Gopal rose at 5.30 am.
- B. Then he drove to the Joggers Park which was four km away.
- C. There he met his group of walking enthusiasts.
- D. He put on his track suit and walking shoes.

- A DCAB
- B ACBD
- C ADBC
- D CBAD

Answer: C

Question 79

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 government has ordered that all the coaching centres without fire safety arrangements housing above the fourth floor be shut down immediately.

- A No improvement
- B housed above the fourth floor
- C house up to the fourth floor
- D housed over a fourth floor

Answer: B

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Question 80

Select the word which means the same as the group of words given.
A person who can speak only two languages

- A bilingual
- B monolingual
- C linguist
- D multilingual

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 blank.

Comprehension:

In one of the most high-profile localities in the capital, hundreds of (1) _____ walk across an unmanned railway track (2) _____ day to get to school. Lakshman (3) _____ his way down the rocky steps (4) _____ lead to the railway track behind his settlement. He (5) _____ in the affirmative when asked if the track scares him. "I have fallen down these steps so many times during the monsoon. But there is no other way to walk to school," he says.

Question 81

Select the most appropriate option for blank No. 1.

- A children
- B people
- C women
- D men

Answer: A

Question 82

Select the most appropriate option for blank No. 2.

- A all
- B whole
- C every
- D some

Answer: C

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Question 83

Select the most appropriate option for blank No. 3.

- A had made
- B make
- C makes
- D was making

Answer: C

Question 84

Select the most appropriate option for blank No. 4.

- A which
- B what
- C whom
- D who

Answer: A

Question 85

Select the most appropriate option for blank No. 5.

- A shakes
- B winks
- C salutes
- D nods

Answer: D

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Instructions

For the following questions answer them individually

Question 86

Select the word which means the same as the group of words given.
guide the course of a ship especially by using instruments or maps

- A travel
- B sail
- C anchor
- D navigate

Answer: D

Question 87

Select the most appropriate word to fill in the blank.
Leopards have learned to _____ to semi-urban living near Mumbai and Gurugram.

- A change
- B prepare
- C adapt
- D adopt

Answer: C

Question 88

Select the most appropriate meaning of the given idiom.
feather your own nest

- A make money unfairly
- B disturb others in their work
- C be in a comfortable position
- D win a competition

Answer: A

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Instructions

In the sentence identify the segment which contains the grammatical error.

Question 89

On Saturday Rahul visited his professor to whom he had an appointment.

- A an appointment
- B Rahul visited his professor
- C On Saturday

D to whom he had

Answer: D

Question 90

The blue lotus is one of the most beautiful flowers which grows in her garden.

A The blue lotus

B which grows

C in her garden

D is one of the most beautiful flowers

Answer: B

Instructions

For the following questions answer them individually

Question 91

Select the correct indirect form of the given sentence.

The stranger said to me, "Can you tell me the way to the River Bank Colony?"

A The stranger told me that I could tell him the way to the River Bank Colony.

B The stranger asked me if you could tell him the way to the River Bank Colony.

C The stranger asked me if I could tell him the way to the River Bank Colony.

D The stranger asked me can you tell me the way to the River Bank Colony.

Answer: C

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Question 92

Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. He meets me in the same frank friendly way as always without mentioning it.

B. He has owed it to me for twelve months now.

C. I can realise whenever I meet him that he has forgotten that he owes me a dollar.

D. My friend Todd owes me a dollar.

A CBAD

B DBCA

C CBDA

D ADBC

Answer: B

Question 93

Select the most appropriate antonym of the given word.

ACCESSIBLE

A stressed

- B reachable
- C attainable
- D restricted

Answer: D

Question 94

Select the most appropriate synonym of the given word.

AVENGE

- A cheer
- B comfort
- C punish
- D encourage

Answer: C

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Question 95

Select the most appropriate meaning of the given idiom.

Be an old hat

- A be outdated
- B be foolish
- C be superstitious
- D be crazy

Answer: A

Question 96

Select the wrongly spelt word.

- A scanty
- B scenary
- C scheme
- D scarce

Answer: B

Question 97

Select the most appropriate word to fill in the blank.

Darkness _____ over the forest increasing the danger of wild animals.

- A descended
- B grounded

C collapsed

D declined

Answer: A

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Question 98

Select the wrongly spelt word.

A nibble

B neither

C nineteenth

D nightingale

Answer: C

Question 99

Select the most appropriate synonym of the given word.

SCRAP

A save

B store

C reject

D hoard

Answer: C

Question 100

Select the most appropriate antonym of the given word.

HASTY

A reckless

B urgent

C sudden

D cautious

Answer: D

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