

• Question No. 1

According to the sample registration system, which of the following states has the highest infant mortality rate (for 2019)?

Options :

1. Uttar Pradesh
2. Madhya Pradesh
3. Bihar
4. Chhattisgarh
- 5.

Answer : Madhya Pradesh

• Question No. 2

Harijan Seva Sangh was founded by _____ in 1932 for the purpose of eradicating the evil called untouchability.

Options :

1. Narendra Dev
2. Jawaharlal Nehru
3. Aruna Asaf Ali
4. Mahatma Gandhi
- 5.

Answer : Mahatma Gandhi

• Question No. 3

In which year was the Azad Hind Radio Service as part of Germany's radio service started?

Options :

1. 1942

2. 1940
3. 1939
4. 1938
- 5.

Answer : 1942

• Question No. 4

According to the World Steel Association, which of the following countries was the global leader in steel production for the year 2020?

Options :

1. Japan
2. India
3. The US
4. China
- 5.

Answer : China

• Question No. 5

Which traditional dye-painted figurative and patterned textile received the Geographical Indication (GI) tag in 2021?

Options :

1. Thangka (Thangka) Painting
2. Karuppur Kalamkari Painting
3. Pattachitra Painting
4. Mithila Painting
- 5.

Answer : Karuppur Kalamkari Painting

• Question No. 6

Which of the following countries has become the first country in the world to accept Bitcoin as legal tender?

Options :

1. El Salvador
2. Albania
3. Jamaica
4. Uzbekistan
- 5.

Answer : El Salvador

• Question No. 7

DRDO At which place was the successful launch of Supersonic Missile Assisted Torpedo System developed by DRDO in December 2021?

Options :

1. Maharashtra
2. West Bengal
3. Andhra Pradesh
4. Odisha
- 5.

Answer : Odisha

• Question No. 8

Which part of the Indian Constitution is related with the Panchayats?

Options :

1. VIII
2. X

3. IX
4. □□□
- 5.

Answer : IX

• Question No. 9

Shogatsu is the New Year festival of which of the following countries?

Options :

1. Brazil
2. New Zealand
3. Japan
4. France
- 5.

Answer : Japan

• Question No. 10

Which one of the following is NOT a feature of an Open Economy?

Options :

1. Freedom to foreign investment
2. Delicensing of Industries
3. Restrictions on Large-scale industries
4. Freedom to import technology
- 5.

Answer : Restrictions on Large-scale industries

• Question No. 11

According to the World Economic Forum, based on the information received till March 2021, which of the following countries had the highest number of languages spoken in its territory?

Options :

1. United States of America
2. Norway
3. Papua New Guinea
4. India
- 5.

Answer : Papua New Guinea

- Question No. 12

'Midnight's Children which portrays India's transition from British colonial rule to independence and partition of India is written by:

Options :

1. Salman Rushdie
2. Vidiadhar Surajprasad Naipaul
3. Amitav Ghosh
4. Vikram Seth
- 5.

Answer : Salman Rushdie

- Question No. 13

What is the address of the cell in the tenth row of the fifth column in an MS-Excel worksheet?

Options :

1. 5J
2. E10
3. J5

4. 10E

5.

Answer : E10

• Question No. 14

What is the approximate percentage, by weight, of oxygen in the earth's crust?

Options :

1. 46.6%

2. 19.6%

3. 16.6%

4. 36.6%

5.

Answer : 46.6%

• Question No. 15

Which of the following writs is issued to prevent a person from holding public office from doing any work to which he is not entitled?

Options :

1. Certiorari

2. Quo Warranto

3. Habeas Corpus

4. Prohibition

5.

Answer : Quo Warranto

• Question No. 16

What was the rank of India in the medal tally at the 14th International Olympiad on Astronomy and Astrophysics (IOAA) 2021, organized by Colombia in November 2021?

Options :

1. First
2. Fourth
3. Third
4. Second
- 5.

Answer : First

- Question No. 17

With reference to abundant elements in Earth's Crust, which among the following is the most abundant metal in the earth's crust?

Options :

1. Barium
2. Aluminium
3. Titanium
4. Manganese
- 5.

Answer : Aluminium

- Question No. 18

Who is the author of the book 'Lady Doctors: The Untold Stories of India's First Women in Medicine'?

Options :

1. Kunal Basu
2. Kavitha Rao
3. Jairam Ramesh

4. Anuradha Roy

5.

Answer : Kavitha Rao

• Question No. 19

_____ of the Constitution of India provides that no discrimination can be made against a citizen on grounds only of race, religion, caste, or place of birth or any of them.

Options :

1. Article 16

2. Article 15

3. Article 19

4. Article 17

5.

Answer : Article 15

• Question No. 20

Which of the following is called the 'powerhouse of the cell'?

Options :

1. Red blood cells

2. Mitochondria

3. White blood cells

4. Plasma membrane

5.

Answer : Mitochondria

• Question No. 21

Which one of the following is NOT a basic principle of Micro Finance Institutions in India?

Options :

1. Lack of physical collateral
2. Peer monitoring
3. Focus on women borrowers
4. Large amounts of loan
- 5.

Answer : Large amounts of loan

• Question No. 22

Sports Journalists' Federation of India (SJFI) Para-athlete Woman of the Year Award 2021 winner Avani Lekhara plays which sport?

Options :

1. Badminton
2. Javelin throw
3. Shotput
4. Shooting
- 5.

Answer : Shooting

• Question No. 23

The pH of a neutral solution is _____ on the pH scale.

Options :

1. 14
2. 5
3. 7
4. 10
- 5.

Answer : 7

- Question No. 24

With respect to Industry and Trade, MRTP stands for _____.

Options :

1. Moderate and Restrictive Trade Protocols
2. Monopolistic and Reinforcing Trade Protocols
3. Monopolies and Restrictive Trade Practices
4. Monetary and Repository Trade Practices
- 5.

Answer : Monopolies and Restrictive Trade Practices

- Question No. 25

Which of the following keyboard shortcuts is used to lock your PC in a Windows 10 operating system?

Options :

1. Windows logo key + D
2. Ctrl + K
3. Windows logo key + L
4. Ctrl + L
- 5.

Answer : Windows logo key + L

- Question No. 26

Tetanus is a serious disease of the nervous system caused by a toxin-producing:

Options :

1. protist

2. fungus
3. parasite
4. bacterium
- 5.

Answer : bacterium

• Question No. 27

Which of the following tribes is NOT native to the state of Tamil Nadu?

Options :

1. Kota
2. Malasar
3. Bhutia
4. Kurumba
- 5.

Answer : Bhutia

• Question No. 28

Soniji Ki Nasiya Temple of Ajmer, built in the 19th century, is dedicated to _____.

Options :

1. Lord Ajitnath
2. Lord Rishabhdev
3. Lord Mahavir
4. Lord Chandraprabhu
- 5.

Answer : Lord Rishabhdev

• Question No. 29

_____, known as the 'Father of Karnataka Music', is one of the most eminent musicians.

Options :

1. Purandar Das
2. Dharma Raja
3. Tyagaraja
4. M.D. Ramanathan
- 5.

Answer : Purandar Das

- Question No. 30

Jat-Jatin is one of the most popular folk dance form of which among the following states?

Options :

1. Madhya Pradesh
2. Assam
3. Bihar
4. Chhattisgarh
- 5.

Answer : Bihar

- Question No. 31

In which country is the Ural Industrial Zone located?

Options :

1. United States of America
2. China
3. Britain
4. Russia
- 5.

Answer : Russia

• Question No. 32

After the abolition of industrial licensing in India in 1991, _____ is one of the few industries for which it is mandatory to obtain an industrial license.

Options :

1. Leather
2. Beverages
3. Alcohol
4. Vegetable and Food Processing
- 5.

Answer : Alcohol

• Question No. 33

The point on the supply curve at which a firm earns only normal profit is called the _____.

Options :

1. exit point
2. break-even point
3. break-through point
4. income point
- 5.

Answer : break-even point

• Question No. 34

The SI unit of length is _____ .

Options :

1. metre
2. inch
3. feet
4. mile
- 5.

Answer : metre

• Question No. 35

At Vaishali, the Second Buddhist Council was conducted by _____.

Options :

1. Munda
2. Anurudh
3. Sunidha
4. Kalashok
- 5.

Answer : Kalashok

• Question No. 36

Which of the following is the most gender equal country, according to Global Gender Gap Report 2021?

Options :

1. Iceland
2. Finland
3. Sweden
4. Norway
- 5.

Answer : Iceland

- Question No. 37

Who has directed the film Koozhangal which won the Best Film Award in the Asian Film Competition category at the 20th Dhaka International Film Festival held in January 2022?

Options :

1. P.S. Vinodraj
2. Ranjit Sankar
3. Sujit Bidari
4. Indranil Roychoudhury
- 5.

Answer : P.S. Vinodraj

- Question No. 38

Kuroshio current flows in which of the following oceans?

Options :

1. Southern Ocean
2. Pacific Ocean
3. Atlantic Ocean
4. Indian Ocean.
- 5.

Answer : Pacific Ocean

- Question No. 39

Who is the only Indian appointed as a member of Badminton World Federation's (BWF) Athletes Commission till 2025?

Options :

1. Saina Nehwal

2. Bhamidipati Sai Praneeth
3. Srikanth Kidambi
4. Pusarla Venkata Sindhu
- 5.

Answer : Pusarla Venkata Sindhu

• Question No. 40

The President of India is elected by an electoral college which consists of:

1. Elected members of both the Houses of Parliament i.e. Lok Sabha and Rajya Sabha
2. Elected members of State Legislative Assemblies.

Options :

1. Only 2
2. Neither 1 nor 2
3. Only 1
4. 1 and 2, both
- 5.

Answer : 1 and 2, both

• Question No. 41

Which of the following states stands at number one in terms of route kilometers at the end of the year 2019-20 as per the Indian Railways Yearbook 2019-20?

Options :

1. Rajasthan
2. Maharashtra
3. Uttar Pradesh
4. Madhya Pradesh
- 5.

Answer : Uttar Pradesh

- Question No. 42

Prayag Prashasti (also known as Allahabad Pillar Inscription) provides us with information about the achievements of _____.

Options :

1. Samudragupta
2. Chandragupta-I
3. Ashoka
4. Shrigupta
- 5.

Answer : Samudragupta

- Question No. 43

In 1680, _____, son of Shivaji, ascended the throne after winning the war of succession against his brother Rajaram.

Options :

1. Shahu
2. Balaji
3. Sambhaji
4. Baji Rao I
- 5.

Answer : Sambhaji

- Question No. 44

The Davis Cup 2021 was won by _____.

Options :

1. Austria
2. Uzbekistan
3. Croatia
4. Russia
- 5.

Answer : Russia

• Question No. 45

By which of the following constitutional amendments were the fundamental duties included in the Indian Constitution?

Options :

1. 40th Amendment
2. 80th Amendment
3. 42nd Amendment
4. 86th Amendment
- 5.

Answer : 42nd Amendment

• Question No. 46

Baltoro Glacier is located in which of the following sub-ranges of the Himalayas?

Options :

1. Ladakh
2. Karakoram
3. Zaskar
4. Pir Panjal
- 5.

Answer : Karakoram

- Question No. 47

Which of the following states is home to the only mine in the country involved in industrial-scale mining of diamonds?

Options :

1. Tamil Nadu
2. Karnataka
3. Madhya Pradesh
4. Chhattisgarh
- 5.

Answer : Madhya Pradesh

- Question No. 48

According to the information received till March 2022, who was the leader of the House in Rajya Sabha?

Options :

1. Piyush Goyal
2. Harivansh
3. Thawarchand Gehlot
4. M. Venkaiah Naidu
- 5.

Answer : Piyush Goyal

- Question No. 49

What is the definition of fiscal deficit?

Options :

1. Increase in expected inflation, and expected appreciation of the currency
2. Increase in inflation within the Indian economy

3. Excess of total expenditure over total receipts excluding debt
4. Decrease in expected inflation, and expected appreciation of the currency.
- 5.

Answer : Excess of total expenditure over total receipts excluding debt

• Question No. 50

Which of the following states is the origin of the folk music traditions of Saikuti Jai?

Options :

1. Odisha
2. Mizoram
3. Telangana
4. Goa
- 5.

Answer : Mizoram

• Question No. 51

Select the letter-cluster from among the given options that can replace the question mark (?) and continue the given series.

KWX, NSA, QOD, TKG, WGJ, ?

Options :

1. ZDM
2. CAN
3. AND
4. ZCM
- 5.

Answer : ZCM

- Question No. 52

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

ABCD, _____, □□□□ XXXX, UVWX, UUUU

Options :

1. AAAA
2. DCBA
3. DDDD
4. BCBA
- 5.

Answer : AAAA

- Question No. 53

If ÷ means addition, × means subtraction, + means multiplication and – means division then

$$40 - 20 + 6 \times 2 \div 5 = ?$$

Options :

1. 13
2. 16
3. 14
4. 15
- 5.

Answer : 15

- Question No. 54

Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Options :

1. KNF
2. PSL
3. JMF
4. UXQ
- 5.

Answer : KNF

• Question No. 55

Some students are sitting in a row facing north. Their location depends on the following conditions:

1. B sits immediately adjacent to both G and D.
2. H sits third to the left of B. H sits second to the right of A.
3. C sits immediately adjacent to both H and G.
4. A and F are sitting at the ends of the row, and F sits second to the right of B.

How many students are there in the row?

Options :

1. 7
2. 8
3. 6
4. 5
- 5.

Answer : 8

• Question No. 56

Five friends, Purva, Roshan, Vibhor, Luna and Anuj, are wearing five different coloured T-shirts, red, black, purple, yellow and blue. Each of the friends is allergic to one of the following: nuts, dairy, cats, fish and dust, such that no

two has the same allergy.

Luna is allergic to cats but is not wearing a purple T-shirt. The one wearing a yellow T-shirt has dust allergy. Purva is wearing a black t-shirt but is not allergic to dairy or fish. Vibhor is wearing a purple T-shirt but does not have fish allergy. Luna is wearing a blue T-shirt. Roshan is wearing a red T-shirt. Who is allergic to dust?

Options :

1. Vibhor
2. Purva
3. Roshan
4. Anuj
- 5.

Answer : Anuj

• Question No. 57

A question is given, followed by two statements labelled I and II. Decide which of the statements is/are sufficient/necessary to answer the question and select the correct answer.

Question:

Who is the shortest among Shamita, Tanya and Rekha?

Statements:

I. Shamita is taller than Rekha. Rekha is shorter than Tanya.

II. Rekha is shorter than Surbhi. Surbhi is taller than Shamita. Tanya is shorter than Surbhi.

(A) Statement I alone is sufficient to answer the question, whereas Statement II alone is not sufficient to answer the question.

(B) Statement II alone is sufficient to answer the question, whereas statement I alone is not sufficient to answer the question.

(C) Both statements I and II together are not sufficient to answer the question.

(D) Both statements I and II together are necessary to answer the question.

Options :

1. C
2. A
3. D
4. B
- 5.

Answer : A

Direction:

Read the given sitting arrangement information and answer the question that follows.

Puneet, Monu, Jyoti, Umesh, Tapsi, Vinod, Pushpa and Saha are sitting at a square table in such a way that four of them are sitting at four corners of the table, while the other four are sitting in the middle of each of four sides of the table. The four who are sitting at the corners of the table are facing the centre, whereas those who are sitting in the middle of the sides of the table are facing outside, Puneet, who is facing the centre, is sitting third to the right of Vinod. Tapsi, who is facing centre, is not an immediate neighbour of Vinod. Only one person is sitting between Vinod and Pushpa. Umesh sits second to the right of Monu. Monu is facing the centre. Jyoti is not an immediate neighbour of Puneet.

- Question No. 58

Which of the following statements regarding Monu is true?

Options :

1. Monu is an immediate neighbour of Saha.
2. Monu is sitting immediately Right of Tapsi.
3. Monu is sitting exactly between Vinod and Pushpa.
4. Monu is an immediate neighbour of Jyoti.
- 5.

Answer : Monu is sitting exactly between Vinod and Pushpa.

- Question No. 59

Select the number from among the given options that can replace the question mark (?) and continue the given series.

6, 27, 128, 629, ?

Options :

1. 3130
2. 3131
3. 2121
4. 2120
- 5.

Answer : 3130

- Question No. 60

In certain code language.

'You are bad' is written as 'YO LO PO', 'Schools are bad' is written as 'NO PO YO', and 'You are human' is written as 'LO PO RO'.

How will 'Human are bad' be written in that language?

Options :

1. RO YO NO
2. RO YO PO
3. RO NO PO
4. RO PO LO
- 5.

Answer : RO YO PO

- Question No. 61

Read the given statement and conclusions carefully. Decide which of the given conclusions is true based on the given statement.

Statement:

$$A \geq B = Q \leq H$$

Conclusions:

I. $B < H$

II. $X > Q$

Options :

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusions I and conclusion II are true
4. Neither conclusion I nor II is true
- 5.

Answer : Both conclusions I and conclusion II are true

- Question No. 62

Deepika starts her evening walk facing north and walks for 2 km. Then, she takes a right turn and walks for another 2 km. Finally, she takes a left turn and walks for another 3 km. Which direction is she facing now? (All turns are 90° turns only)

Options :

1. West
2. East
3. North
4. South
- 5.

Answer : North

- Question No. 63

Lokesh runs 4 km facing east, takes a left turn and runs for another 3 km. He finally takes a left turn, runs 4 km and stops. Which direction is he facing now and what is the shortest distance he has to cover to reach back to the starting point? (All turns are 90° turns only)

Options :

1. West, 7 km
2. North, 4 km
3. North, 7 km
4. West, 3 km
- 5.

Answer : West, 3 km

- Question No. 64

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.

Statements:

1. All glasses are plates.
2. No plate is a spoon.

Conclusions:

1. Some glasses are spoons.
2. No spoon is a glass.

Options :

1. Either conclusion I or II follows
2. Only conclusion II follows
3. Neither conclusion I nor II follows

4. Only conclusion I follows

5.

Answer : Only conclusion II follows

• Question No. 65

In a certain code language, CABLE is coded as 65@7#, and PARKLET is coded as 85917#2. How will ELRAP be coded in that language?

Options :

1. 7#958

2. 9#785

3. #9587

4. #7958

5.

Answer : #7958

• Question No. 66

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows) from the statements.

Statements:

a) All tops are t-shirts.

b) Some shrugs are t-shirts.

Conclusions:

I. Some tops are shrugs.

II. All T-shirts are tops.

Options :

1. Neither conclusion I nor II follows.
2. Only conclusion I follows.
3. Both conclusions I and II follow.
4. Only conclusion II follows.
- 5.

Answer : Neither conclusion I nor II follows.

• Question No. 67

'P + Q' means 'P is the daughter of Q'

'P × Q' means 'P is the son of Q'

'P – Q' means 'P is the wife of Q'

Which of the following options is correct for the given expression?

'A + B – C × D'

Options :

1. B is the son of D
2. A is the daughter of D's Son
3. B is the daughter of D
4. C is the wife of D
- 5.

Answer : A is the daughter of D's Son

• Question No. 68

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. In three of the four pairs, the same pattern is applied and hence they form a group. Select the number-pair that does NOT belong to this group.

A. 2 : 5

B. 4 : 18

C. 6 : 39

D. 8 : 66

Options :

1. B

2. A

3. D

4. C

5.

Answer : D

• Question No. 69

If in a code language, 'HOME' is written as 'LROF' and 'EYE' is written as 'HAF' and 'SO' is written as 'UP', how will 'HOUSE' be written in that language?

Options :

1. LQXUF

2. MSWUF

3. LSXUF

4. MSXUF

5.

Answer : MSXUF

• Question No. 70

□ □ □ P and R are sitting around a circular table. All are facing towards the centre of the table. M is seated second to the right and N is seated third to the right of O. P is seated second to the left of N. Who is seated between N and O when counted from the left of O?

Options :

1. M or R
2. Only R
3. Only P
4. P or R
- 5.

Answer : Only R

• Question No. 71

Six colleagues, Ranjana, Diksha, Chahat, Aakash, Rita and Suraj, are sitting on a bench in a pack facing north. Rita is sitting at the east end of the bench. Ranjana and Chahat were sitting immediately next to each other. There are only two people sitting between Aakash and Suraj. Diksha has only one person to her right. Aakash is sitting at the west end of the bench. There are three people between Rita and Ranjana. Who is third from the west end of the bench?

Options :

1. Chahat
2. Ranjana
3. Diksha
4. Suraj
- 5.

Answer : Chahat

• Question No. 72

Study the given letter, number, symbol series and answer the question that follows.

(Left) @ 5 7 R M # 2 Q □ 3 Z A 4 @ W ! R # 5 N % A ! T & 4 A (Right)

How many such letters are there which are immediately followed by a symbol and also immediately preceded by a number?

Options :

1. 4
2. 3
3. 1
4. 2
- 5.

Answer : 2

• Question No. 73

In a certain code language, BUTTER is written as 2212020518, MINED is written as 1391454. How will OIL be written in that language?

Options :

1. 12345
2. 15912
3. 18632
4. 17456
- 5.

Answer : 15912

• Question No. 74

S is shorter than N. P is taller than S. Q is taller than N but shorter than H. N is taller than P. Who will be exactly in the middle if they stand in a row according to height?

Options :

1. P
2. Q
3. R
4. N

5.

Answer : N

• Question No. 75

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

Rahul : 12 :: Zenmus : 17 :: Vinas : ?

Options :

1. 15
2. 13
3. 11
4. 14
- 5.

Answer : 13

• Question No. 76

Raman and his sister Shikha study in the same class. Raman's rank in an examination is 11th from the bottom and Shikha's rank in the same examination is 1st from the top. If there are 11 students who ranked between Raman and Shikha, how many students are there in the class?

Options :

1. 23
2. 24
3. 25
4. 22
- 5.

Answer : 23

- Question No. 77

Read the given statements and conclusions carefully. Decide which of the given conclusions is/are true based on the given statements

Statements:

$K \leq O = M \geq N$ and $L \geq M$

Conclusions:

I. $L \geq K$,

II. \square

Options :

1. Only I is true
2. Both I and II are true
3. Both I and II are not true
4. Only II is true
- 5.

Answer : Only I is true

- Question No. 78

A building has seven floors numbered one to seven in such a manner that the ground floor is numbered one, the floor above it is numbered two, and so on, such that the topmost floor is numbered seven. One of the seven persons, namely T, U, V, W, X, Y, and Z, lives on each floor, but not necessarily in the same order.

There are only two people living between the floors of X and Z. No person lives above U's floor. T lives in one of the odd floors. The number of people living above and below Y is equal. W does not live above anyone other than V. X lives in one of the floors above Z.

Who lives on the 5th floor?

Options :

1. Y
2. X
3. Z
4. T
- 5.

Answer : T

• Question No. 79

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

EYXJ : IGBR :: CRFQ : GZJYZIQM : ?

Options :

1. DNUR
2. EQVU
3. DQUU
4. ENVR
- 5.

Answer : DQUU

• Question No. 80

Select the number from among the given options that can replace the question mark (?) in the following series.

3, 78, 9, 69, 15, 60, ?

Options :

1. 22
2. 21
3. 23
4. 19

5.

Answer : 21

• Question No. 81

Which of the following assumptions of the given statement is valid?

Statement:

They will be leaving in an hour, but now I have to remember my lessons, so I won't be able to say goodbye to them.

Assumptions:

- I. The lessons will take more than an hour to complete.
- II. People leaving are not expecting me to say goodbye to them before departure.

Options :

- 1. Only assumption II is valid.
- 2. Only assumption I is valid.
- 3. Both I and II are invalid.
- 4. Both I and II are valid.

5.

Answer : Only assumption I is valid.

• Question No. 82

A group of 8 students, J, K, L, M, N, O, P and Q are sitting in two parallel rows facing each other. Each row has four students. Q and N are facing each other. Q is an immediate neighbor of both P and O. K is sitting to the immediate left of O. K and I are diagonally opposite. M and N are not immediate neighbours of each other. Who is in front of L?

Options :

- 1. Q
- 2. N
- 3. K

4. 0

5.

Answer : 0

• Question No. 83

A sum of ₹3680 is invested at 12.5% pa simple interest for 6 years. What will be the total amount payable on maturity?

Options :

1. ₹6420

2. ₹6460

3. ₹6440

4. ₹6480

5.

Answer : ₹6440

• Question No. 84

The roots of the equation $9(x+9)^2 = 441$ are:

Options :

1. 2,16

2. 12,21

3. -12,-21

4. -2,-16

5.

Answer : -2,-16

• Question No. 85

X can do a certain work in 84 days. Y is 50% less efficient than X while Z takes 28 days to do the same work. To complete the work, Y started the work, X joined him after 3 days and Z joined them after 7 days from the beginning. For how many days did Z work to complete the work?

Options :

1. 17
2. 14
3. 16
4. 15
- 5.

Answer : 17

- Question No. 86

In a group of students, the number of girls is three-fourth of the number of boys. If two-third of the number of girls and one-half of the number of boys like mango juice, then what fraction of the total number of girls and boys like mango juice?

Options :

1. $\frac{1}{7}$
2. $\frac{4}{7}$
3. $\frac{2}{7}$
4. $\frac{3}{7}$
- 5.

Answer : $\frac{4}{7}$

- Question No. 87

The perimeter of a square is equal to the perimeter of a rectangle of length 56 cm and breadth 42 cm. Find the perimeter of a semicircle (in cm) whose diameter is equal to the side of the square (Use $\pi = \frac{22}{7}$)

Options :

1. 126
2. 224
3. 198
4. 182
- 5.

Answer : 126

• Question No. 88

The value of $5 - 10 \div 5 \times 2 - [12 \div 6 \text{ of } \{5 \times 6 \div (6 - 9) + 13\} \times (8 \div 4 \text{ of } 3)]$ is

Options :

1. $5/6$
2. $2/3$
3. $5/9$
4. $4/9$
- 5.

Answer : $5/9$

• Question No. 89

The cost of cultivating a square field at the rate of ₹320 per hectare is ₹2880. Find its area. (Use 1 hectare = 10000 sq.m)

Options :

1. 60000 sq.m
2. 70000 sq.m
3. 80000 sq.m
4. 90000 sq.m
- 5.

Answer : 90000 sq.m

- Question No. 90

Find the area of a rhombus whose diagonals are 48m and 64m long.

Options :

1. 1436 sq m.
2. 1636 sq.m
3. 1736 sq.m
4. 1536 sq.m
- 5.

Answer : 1536 sq.m

- Question No. 91

Sachin and Sehwag have a total of ₹950. By taking ₹250 from Sehwag, Sachin will have the same amount as Sehwag already had. Find the ratio of the amounts that Sehwag and Sachin had initially.

Options :

1. 9: 7
2. 12: 7
3. 13: 9
4. 7: 5
- 5.

Answer : 12: 7

- Question No. 92

Hrithik sells a table at a profit of 37.5%. If he had bought it at 12.5% less, and sold it at ₹330 less, he would have made a profit of 10%. By what percent is the cost price of the table less than ₹1,000?

Options :

1. 22%

- 2. 20%
- 3. 23%
- 4. 21%
- 5.

Answer : 20%

• Question No. 93

If the 5-digit number 505xy is divisible by 11 and 21, then what is the value of $(7x - 5y)$?

Options :

- 1. 16
- 2. 30
- 3. 31
- 4. 11
- 5.

Answer : 11

• Question No. 94

By selling an item for ₹222, a person incurs a loss of ₹48. What is the percentage of loss incurred in the transaction?

Options :

- 1. $18\frac{8}{9}\%$
- 2. $17\frac{7}{9}\%$
- 3. $16\frac{7}{18}\%$
- 4. $21\frac{23}{37}\%$
- 5.

Answer : $17\frac{7}{9}\%$

• Question No. 95

IJK is an isosceles triangle in which $IJ = IK$. The value of $\angle IJK$ is what percentage less than 120° , if $\angle JIK = 60^\circ$.

Options :

1. 52%
2. 55%
3. 54%
4. 50%
- 5.

Answer : 50%

- Question No. 96

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$5.01 + (3.01 \times 1.99^2) \times 4 + 6.01 \div 2.03 = ?$$

Options :

1. 56
2. 65
3. 57
4. 52
- 5.

Answer : 56

- Question No. 97

The value of the expression $7\frac{2}{3} \times 5\frac{3}{4} + 9\frac{1}{2} \times 6\frac{3}{4}$ is

Options :

1. $114\frac{1}{24}$
2. $98\frac{3}{24}$

3. 108(5/24)

4. 103(7/24)

5.

Answer : 108(5/24)

• Question No. 98

A can do a certain work in 15 days and B can do one-third of the same work in 10 days. A and B work together for 6 days and then A leaves. B completes the remaining work with C in 8 days. A and C together can complete the original work in

Options :

1. 12 days

2. 9 days

3. 15 days

4. 18 days

5.

Answer : 12 days

• Question No. 99

If the rate of interest is 20% per annum and interest is compounded half yearly, then in $3/2$ years a sum of ₹4000 will Amount to:

Options :

1. ₹5224

2. ₹5234

3. ₹5324

4. ₹5334

5.

Answer : ₹5324

- Question No. 100

The greatest number that exactly divides 536, 1064 and 1928 is

Options :

1. 8
2. 4
3. 12
4. 6
- 5.

Answer : 8

- Question No. 101

Given are the scores of a batsman in the last 10 innings. Find the median score of the batsman in these innings.

65, 180, 81, 6, 63, 27, 122, 8, 165, 50

Options :

1. 64.5
2. 64
3. 65
4. 63
- 5.

Answer : 64

- Question No. 102

Anmol can complete a piece of work in 25 days. Together with Garima he can complete the same work in 15 days, while Anmol and Aseema working together can complete the same work in 20 days. In how many days can Garima and Aseema working together complete the same work?

Options :

1. 300/11
2. 30
3. 29
4. 250/9
- 5.

Answer : 300/11

- Question No. 103

Simplify the following expression:

$$3.5 \times 0.5 \times (4.4 - 0.625 \div 1.5625)$$

Options :

1. 7
2. 14
3. 1.75
4. 10.5
- 5.

Answer : 7

- Question No. 104

A solid right-circular cone is 11.2 cm high, and the radius of its base is 2.8 cm. If the cone is melted and recast into a sphere, then what will be the diameter of the sphere?

Options :

1. 8.4 cm
2. 4.2 cm
3. 2.8 cm
4. 5.6 cm
- 5.

Answer : 5.6 cm

• Question No. 105

Find the cost of painting all surfaces of a 10 m long hollow steel pipe whose internal and external diameters measure 15 cm and 17 cm respectively, if the cost of painting 1 cm² of the surface is ₹0.15.

[Use $\pi = 22/7$]

Options :

1. ₹15100.80
2. ₹15000.80
3. ₹15200.80
4. ₹15160.80
- 5.

Answer : ₹15100.80

• Question No. 106

What will be the median of the given data?

1, 11, 2.3, 0.1, 0.9, 5, 3.9, 2.5, 4.2, 4.6

Options :

1. 2.3
2. 2.4
3. 2.6
4. 2.5
- 5.

Answer : 2.4

• Question No. 107

A sum of ₹ 14000 amounts to ₹ 18515 in 2 years at a certain rate percent p.a., interest compounded yearly. What will be the compound interest on the same sum, in the same time and at the same rate, if the interest is compounded 8-monthly?

Options :

1. ₹4494
2. ₹4620
3. ₹4634
4. ₹3234
- 5.

Answer : ₹4634

• Question No. 108

Find the least number which when divided by 11,12,13,14 and 15 leaves the remainder 2 in each case.

Options :

1. 60062
2. 60058
3. 60060
4. 60002
- 5.

Answer : 60062

• Question No. 109

The numbers 4,6,10, x, 20,24,32 is arranged in ascending order. Find the value of x if their mean and their median are equal.

Options :

1. 12
2. 20

3. 16

4. 8

5.

Answer : 16

• Question No. 110

64 students of Class 10 took part in a mathematics quiz. If the number of girls was 16 more than the number of boys, then find the ratio of the number of boys to the total number of students who took part in the quiz.

Options :

1. 3: 8

2. 4: 9

3. 5: 8

4. 3: 5

5.

Answer : 3: 8

• Question No. 111

The income of A is 25% less than the income of B whose income is 40% more than that of C. The income of C is 20% less than that of D. By what percent is the income of A more than the income of C?

Options :

1. 5%

2. 10%

3. 4%

4. 8%

5.

Answer : 5%

- Question No. 112

Find the value of x in the following equation:

$$\left[1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{5}}}} \right] \div 1 \frac{6}{11} = \frac{x}{2}$$

Options :

1. 2
2. 1
3. 1/2
4. 2/3
- 5.

Answer : 2

- Question No. 113

Ravi has 1530 eggs with him while Vinita has 2380 eggs with her that needs to be placed in cartons. What is the maximum number of eggs that each carton should hold so that both Ravi as well as Vinita find such cartons acceptable to use, leaving no empty space, nor having any egg unpacked?

Options :

1. 255
2. 170
3. 85
4. 340
- 5.

Answer : 170

- Question No. 114

If $x : y = 3 : 4$, then $(7x - 4y) : (3x + 2y) = ?$

Options :

1. 1 : 4
2. 1 : 3
3. 2 : 7
4. 5 : 17
- 5.

Answer : 5 : 17

- Question No. 115

The volume of a right circular cylinder is 1792π cm³ and its radius is 16 cm. What is the curved surface area (in cm²) of the cylinder?

Options :

1. 224π
2. 256π
3. 112π
4. 192π
- 5.

Answer : 224π

- Question No. 116

Avik runs at a speed of 8 meters per second. How many kilometers will Avik cover in 24 minutes if he continues running at the same speed?

Options :

1. 11.52
2. 11.56
3. 11.44

4. 11.60

5.

Answer : 11.52

• Question No. 117

In covering 60 km, Arjun takes 2 hours more than Rohit. If Arjun doubles his speed, then he would take 1 hour less than Rohit. Arjun's original speed is:

Options :

1. 15 km/hr.

2. 25 km/hr.

3. 5 km/hr.

4. 10 km/hr.

5.

Answer : 10 km/hr.

• Question No. 118

If $28957.5 \div 268.125 = 108$, then $289.575 \div 2681.25$ is equal to:

Options :

1. 0.0108

2. 1.08

3. 0.108

4. 10.8

5.

Answer : 0.108

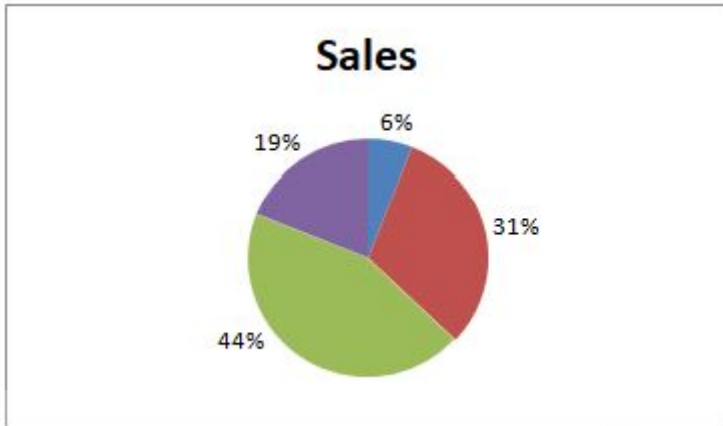
Direction:

The following pie chart shows the expenditure distribution of a party. The blue part represents decoration expense.

The green part represents DJ expense, red part represents the food expenses and purple part represents venue

expenses.

Study the pie chart and answer the following question.



- Question No. 119

How much was spent on decoration and DJ together if the total expenditure was ₹32,700?

Options :

1. ₹8,175
2. ₹7,725
3. ₹8,347
4. ₹7,359
- 5.

Answer : ₹8,175

Direction:

There are four friends Punit, Kaushal, Rakhi and Jagjeet.

1. Punit and Kaushal play rugby and cricket.
2. Kaushal and Rakhi play rugby and badminton.
3. Punit and Jagjeet play cricket and basketball.
4. Rakhi and Jagjeet play badminton and basketball.

- Question No. 120

Who among the following plays cricket, basketball, and badminton?

Options :

1. Punit
2. Kaushal
3. Rakhi
4. Jagjeet
- 5.

Answer : Jagjeet

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