

• Question No. 1

Optical fiber works on the principle of-

Options :

1. Diffusion
2. Total Internal Reflection
3. Scattering
4. Refraction
- 5.

Answer : Total Internal Reflection

• Question No. 2

In October 2015, more than 350 landmarks in more than 90 countries were lite blue, the official color of the United Nations. 'What was the occasion.?

Options :

1. 70th Anniversary of United Nations
2. 90th Anniversary of United Nations
3. 50th Anniversary of United Nations
4. 60th Anniversary of United Nations
- 5.

Answer : 70th Anniversary of United Nations

• Question No. 3

The Environment (Protection) Act of India was enacted in the year –

Options :

1. 1997

2. 1986
3. 2004
4. 2012
- 5.

Answer : 1986

• Question No. 4

In February 2016, which city topped the 'Swachh Survekshan-2016' rankings of 73 cities in India with minimum open defecation and extensive adoption of solid waste management practices?

Options :

1. Navi Mumbai
2. Mysore
3. Gangtok
4. Vishakapatnam
- 5.

Answer : Mysore

• Question No. 5

In 2015, a special semi-luxury train covering Jaisalmer, Jodhpur & Jaipur was launched by the IRCTC. What is the name of this train?

Options :

1. Rajasthan Darshan
2. Rajasthan Queen
3. Desert Circuit
4. Desert Queen
- 5.

Answer : Desert Circuit

- Question No. 6

How many Indian States and Union Territories share the Indian coastline?

Options :

1. 9 States and 5 Union Territories
2. 12 States and 3 Union Territories
3. 7 States and 5 Union Territories
4. 5 States and 3 Union Territories
- 5.

Answer : 9 States and 5 Union Territories

- Question No. 7

The Mahabodhi Temple Complex, which is one of the four holy sites related to the life of the Lord Buddha, is located in -

Options :

1. Bihar
2. Tamil Nadu
3. Karnataka
4. Delhi
- 5.

Answer : Bihar

- Question No. 8

In 2004, NASA launched the Messenger Spacecraft to study

Options :

1. Saturn
2. Jupiter

3. Pluto
4. Mercury
- 5.

Answer : Mercury

• Question No. 9

Mount St. Helens is an 'active stratovolcano' located in

Options :

1. Japan
2. India
3. United states of America
4. Chile
- 5.

Answer : United states of America

• Question No. 10

Which Schedule of the Constitution of India lists the States and Union Territories of India?

Options :

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

Answer : First Schedule

• Question No. 11

Who among the following is the current Lokayukta of Delhi?

Options :

1. Justice Manmohan Sarin
2. Justice Reva Khetrapal
3. Justice Mohd. Shamim
4. Justice Rajendra Nath Aggarwal
- 5.

Answer : Justice Reva Khetrapal

• Question No. 12

In a Windows-based computer, two files cannot be in the same folder if

Options :

1. they have different names, but same creation date
2. they have different names, but are of same file type
3. they have the same name, and are of the same file type
4. they have the same name, but are of the same file type
- 5.

Answer : they have the same name, and are of the same file type

• Question No. 13

The Gandhara art – a style of Buddhist visual art that developed between 1st century BCE the 7th century CE, flourished largely during the_____ dynasty.

Options :

1. Kushan
2. Gupta
3. Pallava
4. Maurya
- 5.

Answer : Kushan

- Question No. 14

In 2015, the United Nations Climate Change Conference was held at -

Options :

1. Paris
2. Doha
3. Montreal
4. Copenhagen
- 5.

Answer : Paris

- Question No. 15

Which of the following is NOT a form of Monosaccharide Sugar?

Options :

1. Galactose
2. Glucose
3. Fructose
4. Maltose
- 5.

Answer : Maltose

- Question No. 16

UNITAR Stands for -

Options :

1. United Nation Institute for Transport and Agriculture Research

2. United Nation Institute for Total and Agriculture Research
3. United Nations Institute for Training and Research
4. United Nations Initiative for Transport Readiness
- 5.

Answer : United Nations Institute for Training and Research

- Question No. 17

Which State hosted the 12th National Ice-Skating Championship in India?

Options :

1. Sikkim
2. Himachal Pradesh
3. Uttarakhand
4. Jammu and Kashmir
- 5.

Answer : Jammu and Kashmir

- Question No. 18

In which Indian State is the Nanda Devi peak located?

Options :

1. Uttarakhand
2. Arunachal Pradesh
3. Himachal Pradesh
4. Sikkim
- 5.

Answer : Uttarakhand

- Question No. 19

As envisaged in the Constitution of India with respect to the Supreme Court (Number of Judges) Amendment Act, 2008 (11 of 2009), there shall be a Supreme Court of India consisting of a Chief Justice of India, and not more than _____other judges.

Options :

1. Forty
2. Ten
3. Twenty
4. Thirty
- 5.

Answer : Thirty

- Question No. 20

Which of the following countries launched the World's most powerful GEO Spy Satellite-the Gaofen 4'?

Options :

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

Answer : China

- Question No. 21

With which IIT did the Indian Railways sign a MoU in December 2015, for setting up Centers for Railway Research?

Options :

1. IIT Madras
2. IIT Mandi
3. IIT Delhi

4. IIT Indore

5.

Answer : IIT Madras

• Question No. 22

Which of the following is the religious text of the Jews?

Options :

1. Dhammapada

2. Torah

3. Tripitaka

4. Guru Granth Sahib

5.

Answer : Torah

• Question No. 23

India's Multi Application Solar Telescope (MAST) was operationalized at the _____ Solar Observatory.

Options :

1. Udaipur

2. Jaipur

3. Kodaikanal

4. Ahmedabad

5.

Answer : Udaipur

• Question No. 24

In December 2015, NASA's Curiosity Mars rover found the presence of _____ which will help scientists learn about the ancient wet environment.

Options :

1. Magnesium
2. Cadmium
3. Silica
4. Calcium
- 5.

Answer : Silica

• Question No. 25

Who among the following was conferred the 2015 Sanctuary Legend Award?

Options :

1. Ashok Kumar
2. Varad Giri
3. Anurag Kumar
4. Viral Joshi
- 5.

Answer : Ashok Kumar

• Question No. 26

In which of the following sports does Bombayla Devi Laishram represent India?

Options :

1. Archery
2. Boxing
3. Cricket
4. Badminton
- 5.

Answer : Archery

- Question No. 27

Abhinav Bharat Society of revolutionaries was organized by -

Options :

1. Jawaharlal Nehru
2. Vinayak Savarkar
3. Bhagat Singh
4. None of these
- 5.

Answer : Vinayak Savarkar

- Question No. 28

Rearranging the letters "AKBLU", we get the capital of _____

Options :

1. Afghanistan
2. China
3. Bahrain
4. Algeria
- 5.

Answer : Afghanistan

- Question No. 29

Type of a file in a computer can be identified by the _____

Options :

1. Folder name
2. File size
3. File path

4. File extension

5.

Answer : File extension

• Question No. 30

The Ajanta Cave Paintings are a testimony to the golden age of _____ in India.

Options :

1. Buddhism

2. Shaivism

3. Jainism

4. Vaishnavism

5.

Answer : Buddhism

• Question No. 31

What does GUI stand for with respect to a computer?

Options :

1. Group User Interface

2. Graphic Utility Interaction

3. Graphical User Interface

4. Graphical Utility Interface

5.

Answer : Graphical User Interface

• Question No. 32

If a Panchayat is dissolved, elections are to be held within –

Options :

1. Six months from the date of dissolution
2. Twelve months from the date of dissolution
3. Two months from the date of dissolution
4. One month from the date of dissolution
- 5.

Answer : Six months from the date of dissolution

• Question No. 33

Who discovered Electron?

Options :

1. Niels Bohr
2. J. J. Thomson
3. Albert Einstein
4. Ernest Rutherford
- 5.

Answer : J. J. Thomson

• Question No. 34

In which coast was the World's largest Marine Protected Area (MPA) created in October 2016?

Options :

1. Ireland
2. Italy
3. Antarctica
4. Scotland
- 5.

Answer : Antarctica

- Question No. 35

Which of the following is the Mascot of Indian Railways?

Options :

1. Morris, the cat
2. Murugan, the peacock
3. Nandi, the bull
4. Bholu, the elephant
5. None of these

Answer : Bholu, the elephant

- Question No. 36

Which of the following is a device designed to protect electrical devices from voltage spikes?

Options :

1. Voltage unloader
2. Surge protector
3. Heat protector
4. Current unloader
- 5.

Answer : Surge protector

- Question No. 37

In a food chain, what is the difference between primary consumers and secondary consumers?

Options :

1. Primary consumers eat plants and other consumers; secondary consumers eat plants and decomposed matter
2. Primary consumers eat only plants; secondary consumers eat primary consumers

3. Primary consumers eat plants and decomposed matter, secondary consumers eat plants and other consumers
4. Primary consumers eat other consumers; secondary consumers eat only plants.
- 5.

Answer : Primary consumers eat only plants; secondary consumers eat primary consumers

• Question No. 38

Which of the following is the first country to become Carbon-Negative?

Options :

1. Canada
2. Poland
3. Bhutan
4. United States of America
- 5.

Answer : Bhutan

• Question No. 39

Who among the following is the current CEO of NITI Aayog?

Options :

1. Amitabh Kant
2. Arvind Subramanian
3. Arvind Panagariya
4. Sindhushree Khullar
- 5.

Answer : Amitabh Kant

• Question No. 40

In 2015, which of the following banks was the first bank to tie up with Indian Railways to sell rail tickets through their website?

Options :

1. ICICI Bank
2. State Bank of India
3. HDFC Bank and Bank
4. None of these
- 5.

Answer : ICICI Bank

- Question No. 41

How much time does a Geostationary satellite take to complete one orbit, at the height of 35790 km?

Options :

1. 30 days
2. 24 hours
3. 365 days
4. 12 hours
- 5.

Answer : 24 hours

- Question No. 42

Which of the following e-commerce majors has signed an agreement with NIESBUD (National Institute for Entrepreneurship and Small Business Development) for encouraging SMEs (Small and Medium Enterprises) to grow profitably online?

Options :

1. Amazon
2. Flipkart

3. Snapdeal
4. eBay
- 5.

Answer : Amazon

• Question No. 43

A liquid drop, contracts because of the attraction of its particles and occupies the smallest possible area.

This phenomenon is known as –

Options :

1. Surface Tension
2. Buoyancy
3. Cavitation
4. Viscosity
- 5.

Answer : Surface Tension

• Question No. 44

India hosted the 8th BRICS Summit during its Chairmanship which took place on 15- 16th October 2016-

Options :

1. Goa
2. Bangalore
3. New Delhi
4. Mumbai
- 5.

Answer : Goa

• Question No. 45

Which of the following layers of the atmosphere makes Radio Communication possible?

Options :

1. Troposphere
2. Thermosphere
3. Ionosphere
4. Stratosphere
- 5.

Answer : Ionosphere

- Question No. 46

As per the Horticulture report 2015, which State in India is the largest producer of Mango, in terms of absolute production value?

Options :

1. Andhra Pradesh
2. Telangana
3. Uttar Pradesh
4. Karnataka
- 5.

Answer : Uttar Pradesh

- Question No. 47

Which team won the 2015 Pro Wrestling League title?

Options :

1. Punjab Royals
2. Haryana Hammers
3. Bengaluru Yodhas
4. Mumbai Garuda

5.

Answer : Mumbai Garuda

• Question No. 48

As per the Constitution of India, who is authorized to transfer the Judge of one High Court to another?

Options :

1. The Chief Justice of India
2. The Prime Minister of India
3. The President of India
4. Any of the Judges of the Supreme Court
- 5.

Answer : The President of India

• Question No. 49

Choose the most apt option.

Fruits preserved in cold storage last longer, because —

Options :

1. exposure to humidity is increased
2. more oxygen is available
3. fruits are stored in a dark place
4. the rate of respiration of Fruits is decreased
- 5.

Answer : the rate of respiration of Fruits is decreased

• Question No. 50

Who was the Governor-General of India during the Sepoy Mutiny of Indian freedom struggle?

Options :

1. Lord Ellenbrough
2. Lord Harding
3. Lord Bentinck
4. Lord Canning
- 5.

Answer : Lord Canning

• Question No. 51

Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Some kings are queens. All queens are beautiful.

I All kings are beautiful.

II All queens are kings

Options :

1. Only- Conclusion II follows'.
2. Neither Conclusion I nor II follows'.
3. Only Conclusion I follows'.
4. Either Conclusion I nor II follows'.
- 5.

Answer : Neither Conclusion I nor II follows'.

• Question No. 52

Pointing to a man in a photograph, Anitha said, "His mother's only daughter is my mother." How is Anitha related to that man?

Options :

1. Aunt
2. Niece
3. Mother
4. Sister
- 5.

Answer : Niece

- Question No. 53

What will be the next set of alphabets in the series?

PBA, QCB, RDC, SED, _____

Options :

1. TFD
2. TFE
3. TGE
4. RST
- 5.

Answer : TFE

- Question No. 54

Arrange the given English words. alphabetical order and choose the one that comes first.

Options :

1. Accumulate
2. Actuate
3. Account
4. Achieve
- 5.

Answer : Account

• Question No. 55

Deepak introduces Raju saying, "He is the husband of the granddaughter of the father of my father." How is Raju related to Deepak?

Options :

1. Son-in-law
2. Brother-in-law
3. Son
4. Brother
- 5.

Answer : Brother-in-law

• Question No. 56

If in a certain language A is coded as 1, B is coded as 2, C is coded as 3, and so on, how is BIDDIC coded in that language?

Options :

1. 284483
2. 294483
3. 294439
4. 294493
- 5.

Answer : 294493

• Question No. 57

Find the fourth proportional to 2, 3, 6.

Options :

1. 9
2. 10
3. 7
4. 8
- 5.

Answer : 9

• Question No. 58

If A denotes \div , B denotes \times , C denotes $+$ and D denotes \square , then which of the following statements is true?

Options :

1. $11 B 34 A 17 D 8 A 3 = 38/3$
2. $6 B 18 D 26 A 13 C 7 = 173/13$
3. $32 C 8 A 16 D 4 = 3/4$
4. $9C9A9D 9B 9 = -71$
- 5.

Answer : $9C9A9D 9B 9 = -71$

• Question No. 59

Given below is a statement followed by some conclusions. Decide which of the given conclusions logically follow(s) from the given statements.

Statement: Fortune favors the brave.

Conclusions:

I: Risks are necessary for success.

II: Cowards die many times before their death.

Options :

1. Either Conclusion I or II follows.

2. Only Conclusion I follows.
3. Only Conclusion II follows.
4. Neither Conclusion I nor II follow.
- 5.

Answer : Only Conclusion I follows.

• Question No. 60

Dharun has a brother Anand. Dharun is the son of Kumar. Krishnan is Kumar's father. How is Anand related to Krishnan?

Options :

1. Grandfather
2. Father
3. Grandson
4. Son
- 5.

Answer : Grandson

• Question No. 61

A question and two statements labeled (I), (II) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Gowtham ranks eighteenth in a class. What is his rank from the last?

- I. There are 47 students in the class.
- II. Jegan who ranks 10th in the same class, ranks 38th from the last.

Options :

1. Statement I alone is sufficient.
2. Both the statements together are needed.
3. Statement II alone sufficient.

4. Either I or II alone is sufficient.
5.

Answer : Either I or II alone is sufficient.

Direction:

Read the following information and answer the questions given below.

A has 28 elements, B has 32 element and $A \cap B$ has 40 elements.

- Question No. 62

How many elements does $A \cap B$ have ?

Options :

1. 12
2. 8
3. 10
4. 20
- 5.

Answer : 20

- Question No. 63

नमिन्लखिति जानकारी को पढ़ि और नीचे दएि गए प्रश्नों के उत्तर दीजिए।

A में 28 तत्व हैं, B में 32 तत्व हैं और $A \cap B$ में 40 तत्व हैं। How many elements are present only in B?

Options :

1. 28
2. 18
3. 12
4. 10
- 5.

Answer : 12

- Question No. 64

What will be the next set of alphabets in the series?

AZ, BY, CX, __

Options :

1. DU
2. DW
3. DV
4. DY
- 5.

Answer : DW

- Question No. 65

Find the similarity among the following:

Makar Sankranti, Pongal, Lohri, Baisakhi

Options :

1. All are festivals of North India
2. All are names of harvest festivals
3. All are festivals celebrated in the month of January
4. There is no similarity at all
- 5.

Answer : All are names of harvest festivals

- Question No. 66

If the signs '+' and '÷' and the numbers '2' and '4' are interchanged, which one of the following four equations would be correct?

Options :

1. $4 \div 2 + 3 = 6$
2. $2 + 4 \div 3 = 3$
3. $4 + 2 \div 6 = 1.5$
4. $2 + 4 \div 6 = 8$
- 5.

Answer : $2 + 4 \div 6 = 8$

- Question No. 67

If in a certain language KINDLE is coded as ELDNIK, how is FASHION coded in that code?

Options :

1. NOISHAF
2. NIOHSAF
3. IONHSAF
4. NOIHSAF
- 5.

Answer : NOIHSAF

- Question No. 68

Shirt : Garment : Potato : _____

Options :

1. Juice
2. Onion
3. Fruit
4. Vegetable

5.

Answer : Vegetable

- Question No. 69

Choose the odd one from the following

Options :

1. ELEPHANT
2. EAGLE
3. LEOPARD
4. BAT
- 5.

Answer : EAGLE

- Question No. 70

Rearranging the letters "AKBLU", we get the capital of _____

Options :

1. Afghanistan
2. China
3. Bahrain
4. Algeria
- 5.

Answer : Afghanistan

- Question No. 71

What will be the next set of numbers in the series?

(2, 3), (3, 5), (5, 7), (7, 11), (11,13)____

Options :

1. (13, 15)
2. (15, 17)
3. (13, 17)
4. (13, 19)
- 5.

Answer : (13, 17)

Direction:

Given below is a statement followed by some conclusions. Decide which of the given Conclusions logically follow(s) from the given statements.

• Question No. 72

Statement:

Good voice is a natural gift, but one has to keep practicing to improve and excel in the field of music.

I: Natural gifts need nurturing and care.

II: By continuous practice, one can get a natural gift.

Options :

1. Either Conclusion I or II follows.
2. Neither Conclusion I nor II follow.
3. Only Conclusion I follows.
4. Only Conclusion II follows.
- 5.

Answer : Only Conclusion I follows.

Direction:

Study the information given below and answer the questions that follow:

(I) Six friends Anil, Bharath, Ram, Dhilip, Karthi and Vijay are seated in a circle facing each other.

(II) Anil is between Dhilip & Bharath and Vijay is between Ram and Karthi.

(III) Ram is third to the left of Bharath.

• Question No. 73

Which of the following is the position of Anil relation to Vijay?

Options :

1. Second to the right
2. Third to the right
3. Second to the left
4. First to the left
- 5.

Answer : Third to the right

Direction:

Study the information given below and answer the questions that follow:

(I) Six friends Anil, Bharath, Ram, Dhilip, Karthi and Vijay are seated in a circle facing each other.

(II) Anil is between Dhilip & Bharath and Vijay is between Ram and Karthi.

(III) Ram is third to the left of Bharath.

• Question No. 74

Who is between Vijay and Dhilip?

Options :

1. Anil
2. Bharath
3. Karthi
4. Ram
- 5.

Answer : Ram

Direction:

Study the information given below and answer the questions that follow:

(I) Six friends Anil, Bharath, Ram, Dhilip, Karthi and Vijay are seated in a circle facing each other.

(II) Anil is between Dhilip & Bharath and Vijay is between Ram and Karthi.

(III) Ram is third to the left of Bharath.

• Question No. 75

Who is between Bharath and Vijay?

Options :

1. Karthi
2. Dhilip
3. Anil
4. Ram
- 5.

Answer : Karthi

• Question No. 76

What will be the next number in the series:

12, 48, 240, _____

Options :

1. 440
2. 480
3. 1200
4. 1440
- 5.

Answer : 1440

- Question No. 77

What should come in the place of (?) in the following series?

APPLICATION, PLICATION, PLICATI, ICATI, ?

Options :

1. ICAT
2. ICA
3. CATI
4. CAT
- 5.

Answer : ICA

- Question No. 78

Thick : Thin :: Idle : _____

Options :

1. Inactivity
2. Virtuous
3. Industrious
4. Business
- 5.

Answer : Industrious

- Question No. 79

If ENTRY is coded as 98462 and STEADY is coded as 749312, the how is NEATNESS written in that code?

Options :

1. 89648977
2. 89349877
3. 89348977
4. 89438977
- 5.

Answer : 89348977

• Question No. 80

What is Guna's age?

I. Guna, Vinay and Keshav are all of the same age.

II. Sum of ages of Vinay, Keshav and Arjun is 32; also, Arjun is as old as Vinay and Keshav together.

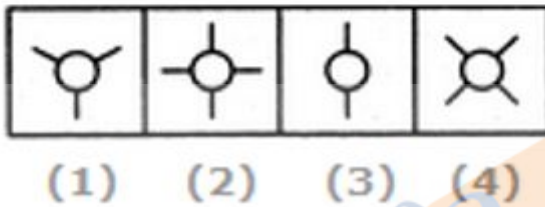
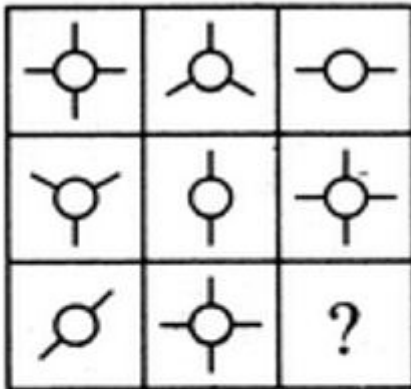
Options :

1. Statement II alone is sufficient.
2. Both the statements together are needed.
3. Either I or II alone are sufficient.
4. Statement I alone is sufficient.
- 5.

Answer : Both the statements together are needed.

• Question No. 81

Select a suitable figure from the four alternatives that would complete the figure matrix.



Options :

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

Answer : 1

• Question No. 82

If in the word 'CONSONANTS' all the letters are arranged in alphabetical order from left to right end then position of how many letter(s) will be remain unchanged?

Options :

1. One
2. Three
3. Four
4. Two

5.

Answer : One

- Question No. 83

From the given alternatives, select the word that cannot be formed using the letters of the given word.

TRANSPARENCY

Options :

1. PARENTS
2. PIRACY
3. PARTS
4. CRATE
- 5.

Answer : PIRACY

- Question No. 84

Some equations are solved based on a certain system. On the same basis find out the correct answer for the unsolved equation.

$$8 - 4 - 2 = 428,$$

$$6 - 5 - 7 = 576,$$

$$1 - 4 - 2 = ?$$

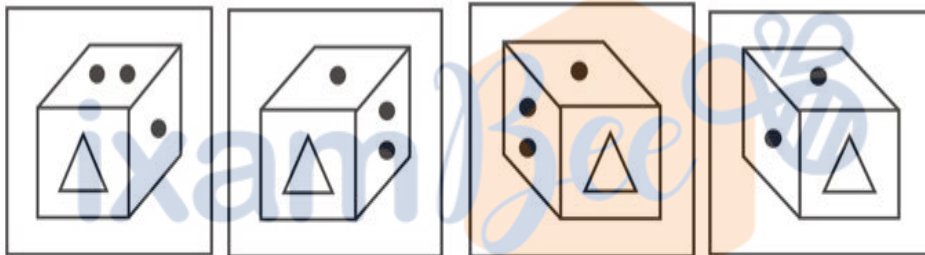
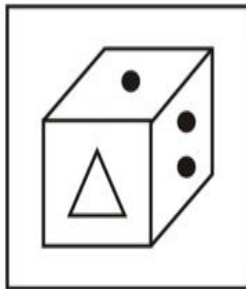
Options :

1. 421
2. 124
3. 142
4. 214
- 5.

Answer : 421

- Question No. 85

A mirror is placed on the right side of a mirror and which of the Answer Figures is the right image of the given Question Figure?



(1)

(2)

(3)

(4)

Options :

1. 1

2. 2

3. 3

4. 4

5.

Answer : 3

- Question No. 86

The average of a series of 30 numbers is 70. The difference between the largest number and the smallest number is 140. If the largest and the smallest number are excluded from the series, the average becomes 68. What is the

largest number of the original series?

Options :

1. 168
2. 155
3. 110
4. 172
- 5.

Answer : 168

Direction:

Study the following table carefully and answer the questions given below':

YEAR	TYPE I	TYPE II	TYPE III	TYPE IV	TYPE V
2000	26	64	232	153	340
2001	45	60	242	172	336
2002	72	79	248	210	404
2003	81	93	280	241	411
2004	107	112	266	235	442
TOTAL	331	408	1268	1011	1933

- Question No. 87

If the same percentage increase in the sales of Type I vehicles in 2004 over 2003 is expected in 2005. approximately for how many Type I vehicles will be sold in 2005?

Options :

1. 141
2. 139
3. 144
4. 131
- 5.

Answer : 141

Direction:

Study the following table carefully and answer the questions given below:

YEAR	TYPE I	TYPE II	TYPE III	TYPE IV	TYPE V
2000	26	64	232	153	340
2001	45	60	242	172	336
2002	72	79	248	210	404
2003	81	93	280	241	411
2004	107	112	266	235	442
TOTAL	331	408	1268	1011	1933

- Question No. 88

The number of Type I vehicles sold in 2003 was approximately what percentage of the total number of vehicles sold in 2002?

Options :

1. 8
2. 9
3. 10
4. 11
- 5.

Answer : 8

Direction:

Study the following table carefully and answer the questions given below:

YEAR	TYPE I	TYPE II	TYPE III	TYPE IV	TYPE V
2000	26	64	232	153	340
2001	45	60	242	172	336
2002	72	79	248	210	404
2003	81	93	280	241	411
2004	107	112	266	235	442
TOTAL	331	408	1268	1011	1933

- Question No. 89

In which of the following years was the Sales of Type II vehicles approximately 25% of the Type V vehicles?

Options :

1. 2000
2. 2002
3. 2004
4. 2003
- 5.

Answer : 2004

Direction:

Study' the following table carefully and answer the questions given below':

YEAR	TYPE I	TYPE II	TYPE III	TYPE IV	TYPE V
2000	26	64	232	153	340
2001	45	60	242	172	336
2002	72	79	248	210	404
2003	81	93	280	241	411
2004	107	112	266	235	442
TOTAL	331	408	1268	1011	1933

- Question No. 90

The percentage increase in sales in 2003 over the previous year was maximum for which Type of vehicles.

Options :

1. Type II
2. Type I
3. Type III
4. Type V
- 5.

Answer : Type II

- Question No. 91

The volume (in cu.cm.) of a right circular cylinder with radius 1 cm and height 2 cm on is: (Take $\pi = 22/7$)

Options :

1. $22/7$
2. 22
3. 44
4. $44/7$
- 5.

Answer : $44/7$

- Question No. 92

If \times stands for addition, \div stands for subtraction. $+$ stands for multiplication and \square stands for division, then what is the value of $20 \times 8 \div 8 - 4 + 2$?

Options :

1. 24
2. 1

3. 20

4. 0

5.

Answer : 24

• Question No. 93

Vishnu travelled equal distances at speeds of 10 km/hr., 30 km/hr., and 8 km/hr., and took a total of 15.5 minutes to complete. Find the total distance he travelled, in km.

Options :

1. 1

2. 3

3. 4

4. 2

5.

Answer : 3

• Question No. 94

Ehsaan is twice as good a worker as Kamal and together they finish a piece of work in 29 days. In how many days will Kamal, working alone, finish the work?

Options :

1. 59

2. 70

3. 87

4. 116

5.

Answer : 87

- Question No. 95

Deksha borrowed Rs. 500 at 5% per annum simple interest. What amount (in rupees) will she pay to clear her debt after 4 years?

Options :

1. 150
2. 650
3. 600
4. 100
- 5.

Answer : 600

- Question No. 96

Each exterior angle of a regular polygon measures 9° . How many sides does the polygon have?

Options :

1. 30
2. 40
3. 45
4. 36
- 5.

Answer : 40

- Question No. 97

Which of the following is equivalent to $0.\overline{56}$? (the bar indicates repeating decimal)

Options :

1. $56/100$
2. $56/1000$

- 3. $56/99$
- 4. $560/90$
- 5.

Answer : $56/99$

• Question No. 98

Which is the correct ascending order of the given numbers?

- 1. $\{1/3, 4/15, 0.33\}$
- 2. $\{1/3, 0.33, 4/15\}$
- 3. $\{4/15, 0.33, 1/3\}$
- 4. $\{0.33, 4/15, 1/3\}$

Options :

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

Answer : 3

• Question No. 99

The mean deviation of the data 3, 10, 10, 4, 7, 10, 5 is:

Options :

- 1. $49/7$
- 2. $19/7$
- 3. $50/7$
- 4. $18/7$

5.

Answer : 18/7

• Question No. 100

The angle of depression of a point on the ground as seen from the top of a tower, 50 feet high, is 45° . Find the distance of the point on the ground from the foot of the tower.

Options :

1. $50/\sqrt{3}$ feet
2. $25\sqrt{3}$ feet
3. 50 feet
4. $50\sqrt{2}$ feet
- 5.

Answer : 50 feet

• Question No. 101

Two cars start from a house at an interval of 10 minutes and travel at a speed of 20 km/hr. With how much speed (km/hr.) should a woman coming from the opposite direction towards the house travel, to meet the cars at an interval of 8 minutes?

Options :

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

Answer : 5

• Question No. 102

All rational numbers are _____ numbers.

Options :

1. Integer
2. whole
3. irrational
4. real
- 5.

Answer : real

- Question No. 103

Simplify: $(2x)^2 - (2y)^2 - (4x)^2$

Options :

1. $-12x^2 + 4y^2$
2. $12x^2 - 4y^2$
3. $-12x^2 - 4y^2$
4. $12x^2 + 4y^2$
- 5.

Answer : $-12x^2 - 4y^2$

- Question No. 104

Compute: $1112 \div 139 \square 5$

Options :

1. $557/67$
2. -3
3. $556/67$
4. 3
- 5.

Answer : 3

- Question No. 105

There are total 200 students in a school, of which $\frac{1}{5}$ are boys. Find the number of girls in the school.

Options :

1. 160
2. 16
3. 140
- 4.
5. 40

Answer : 160

- Question No. 106

Find the HCF of 3341 and 3328.

Options :

1. 257
2. 337
3. 13
4. 31
- 5.

Answer : 13

- Question No. 107

Mr. Kiran sold a bus for Rs. 18,700 at a loss of 15%. At what price should the bus be sold to get a profit of 15% ?

Options :

1. Rs. 25,523

2. Rs. 25,522
3. Rs. 25,300
4. Rs. 25,521
- 5.

Answer : Rs. 25,300

• Question No. 108

A mobile plan costs Rs.32 for 6 minutes. What is the approximate cost, rupees, for 4 minutes?

Options :

1. 21.30
2. 21.40
3. 21.20
4. 21.50
- 5.

Answer : 21.30

• Question No. 109

Two numbers are in the ratio 3:5 and their HCF is 20. Their LCM is

Options :

1. 30
2. 300
3. 60
4. 10
- 5.

Answer : 300

• Question No. 110

3 men dig a hole in 10 days. How many days would it take for 5 men to dig the same hole ?

Options :

1. $50/3$
2. 7
3. 5
4. 6
- 5.

Answer : 6

- Question No. 111

Mr Rajesh buys a toy for Rs 27.50 and sells it for Rs 28.60 Find the gain percentage

Options :

1. 5%
2. 4%
3. 6%
4. 3%
- 5.

Answer : 4%

- Question No. 112

Hema takes a total of 9 hours 55 min to walk a certain distance and then cycling back to the same place from where she had started. She could walk both ways in 12 hours 30 min. The time she will take to cycle both ways is:

Options :

1. 7 hour 20 min
2. 7 hour 15 min
3. 7 hour 35 min
4. 7 hour 45 min

5.

Answer : 7 hour 20 min

- Question No. 113

What is the value of $\frac{0.55 \times 4.5}{0.81}$?

Options :

1. 3.555
2. 55/18
3. 3.05
4. 55/81
- 5.

Answer : 55/18

- Question No. 114

If $\sin x = 4/5$, then $\operatorname{Cosec} x + \cot x =$

Options :

1. 31/12
2. 35/12
3. 2
4. 1/2
- 5.

Answer : 2

- Question No. 115

What is 15% of 34?

Options :

1. 5.1
2. 5
3. 5.2
4. 4.9
- 5.

Answer : 5.1

- Question No. 116

If the product of two numbers is 3026 and their LCM is 89 then their HCF is:

Options :

1. 33
2. 34
3. 35
4. 29
- 5.

Answer : 34

- Question No. 117

A water tank has two holes. The 1 hole alone empties the tank in 9 minutes and 2nd hole alone empties the tank in 6 minutes. If water leaks out at a constant rate, how many minutes does it take if both the holes together empty the tank?

Options :

1. $18/5$
2. $3/5$
3. $16/5$
4. $17/5$
- 5.

Answer : $18/5$

- Question No. 118

A woman invests Rs. 2000 at the start of each year at 5% compound interest per annum. How much will her investments be at the end of the 2nd year?

Options :

1. Rs. 4305
2. Rs. 430
3. Rs. 4355
4. Rs. 4350
- 5.

Answer : Rs. 4305

- Question No. 119

Find the fourth proportional to 2, 3, 6.

Options :

1. 9
2. 10
3. 7
4. 8
- 5.

Answer : 9

- Question No. 120

Mr. Murthy invested Rs.16,000 in a scheme. How much will he get on maturity, if he invested it at 20% per annum compound interest for 9 months, compounded quarterly?

Options :

1. Rs. 18,523

2. Rs. 18,521
3. Rs. 18,524
4. Rs. 18,522
- 5.

Answer : Rs. 18,522

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