

Railway Recruitment Cell

Post Name : Goods Guard

Exam Code : MASSFQ

Exam Date : 10-06-2024

Exam Time : 3:00PM

Question No. 1

Mycology is the study of-

- A) Fungi
B) Algae
C) Bacteria
D) Viruses

Answer Key: A

Question No. 2

Managua is the capital of-

- A) Denmark
B) Thailand
C) Nicaragua
D) Abuja

Answer Key: C

Question No. 3

Who among the following is a famous Santoor player?

- A) Hari Prasad Chaurasia
B) Ravi Shankar
C) Zakir Hussain
D) Shiv Kumar Sharma

Answer Key: D

Question No. 4

_____ denotes a phase in which loans are available at low rates of interest or a policy which creates this situation.

- A) Cheap money
B) Dear money
C) Value money
D) Purchase money

Answer Key: A

Question No. 5

Which of the following conditions is referred to as 'Hepatitis'?

- A) Liver ailment
B) Lung ailment
C) Stomach ailment
D) Kidney ailment

Answer Key: A

Question No. 6

With which sports is Walker Cup associated?

- A) Golf
B) Billiards
C) Hockey
D) Softball

Answer Key: A

Question No. 7

The term "Paper Gold" is associated with-

- A) Deficit Budgeting
- B) Currencies still in gold standard
- C) Special facility of the Reserve Bank of India
- D) The assets transferred by the International Monetary Fund

Answer Key: D

Question No. 8

Who is the chief architect of Krishna Raja Sagar dam?

- A) Le Corbusier
- B) Sir George Frederick Stanley
- C) Sir M. Visvesvaraya
- D) Mahadji Scindia

Answer Key: C

Question No. 9

Who is the author of the Hindi play 'Adhe-Adhure?'

- A) Mohan Rakesh
- B) Prem Chand
- C) Nirala
- D) Pant

Answer Key: A

Question No. 10

Rustom-2 is a/an _____ developed by India's Defence Research and Development Organization (DRDO).

- A) Light weight vehicle
- B) Unmanned Combat Aerial Vehicle
- C) Anti-missile tank
- D) Air-to-Air missile

Answer Key: B

Question No. 11

Diesel Locomotive Works of the Indian Railways is located at-

- A) Perambur
- B) Varanasi
- C) Kapurthala
- D) Chittaranjan

Answer Key: B

Question No. 12

The Bhitarkanika National Park is located in which district of Odisha?

- A) Kendrapara
- B) Balasore
- C) Cuttack
- D) Sambalpur

Answer Key: A

Question No. 13

Mount Shindake is in-

- A) China
- B) Japan

C) Egypt

D) India

Answer Key: B

Question No. 14

_____ and UNICEF partnered to boost digital literacy in primary schools in Kenya.

A) Nokia

B) Apple

C) Ericsson

D) Motorola

Answer Key: A

Question No. 15

Mudumalai Wildlife Sanctuary is located in which of the following states of India?

A) Karnataka

B) Madhya Pradesh

C) Tamilnadu

D) Andhra Pradesh

Answer Key: C

Question No. 16

Rashtriya Krishi Vikas Yojana is a scheme of the Government of India launched for the benefit of-

A) Industries

B) Agriculture and farmers

C) School teachers

D) Hospitals

Answer Key: B

Question No. 17

Global atmospheric temperatures are likely to be increased due to-

A) Burning of fossil fuels

B) Water pollution

C) Soil erosion

D) Sound pollution

Answer Key: A

Question No. 18

Under which ministry does the Solar Charkha Mission fall?

A) Ministry of Micro, Small and Medium Enterprises

B) Ministry of Power

C) Ministry of Commerce and Industry

D) NITI Aayog

Answer Key: A

Question No. 19

Which Vedic astronomer helped to spread the mathematical work of Aryabhata?

A) Varahamihira

B) Lagadha

C) Panini

D) Bhaskara I

Answer Key: D

Question No. 20

Which Indian scientist is credited with being the forerunner to Marconi in the invention of wireless telegraphy?

A) Jagdish Chandra Bose

B) Vikram Sarabhai

C) Homi Baba

D) Sir C V Raman

Answer Key: A

Question No. 21

Who wrote the song "Sare Jahan Se Achha Hindostan Hamara"?

A) Suryakant Tripathi

B) Bankim Chandra Chatterjee

C) Muhammad Iqbal

D) Jaishankar Prasad

Answer Key: C

Question No. 22

In which year was the UN established?

A) 1945

B) 1946

C) 1947

D) 1948

Answer Key: A

Question No. 23

Name the Sikkim Chief Minister who was honored with the Sustainable Development Leadership Award by The Energy and Resources Institute.

A) Sanchaman Limboo

B) Nar Bahadur Bhandari

C) B. B. Gurung

D) Pawan Chamling

Answer Key: D

Question No. 24

National Thermal Power Corporation Ltd, a public sector enterprise, comes under the administrative control of the Ministry of-

A) Power

B) Coal

C) Heavy Industries and Public Enterprises

D) Mines

Answer Key: A

Question No. 25

Which of the following Public Sector Undertakings comes under the category of Maharatna?

A) Rashtriya Ispat Nigam Limited

B) National Seeds Corporation Limited

C) Steel Authority of India Limited

D) National Film Development Corporation Limited

Answer Key: C

Question No. 26

What is the full form of NABARD?

A) Nationalistic Bank for Agriculture and Rigorous Development

B) Nationalistic Bank for Agriculture and Rural Development

C) National Bank for Agriculture and Rural Development

D) Nationalistic Bank for Agriculture and RBI Development

Answer Key: C

Question No. 27

Which of the following animals have sharp quills on their back?

- A) Moose
- B) Sloth
- C) Raccoon
- D) Porcupine

Answer Key: D

Question No. 28

Which railway station became the 5,000th station to be Wi-Fi enabled?

- A) Chhatrapati Shivaji Terminus
- B) Midnapore railway station
- C) Delhi Junction railway station
- D) Howrah Junction railway station

Answer Key: B

Question No. 29

Which is the default alignment for numeric data in Excel(worksheets)?

- A) Left
- B) Right
- C) Centre
- D) Top

Answer Key: B

Question No. 30

Which of the following keys is used to return to the next line or start a new paragraph in a word processor?

- A) Shift
- B) Tab
- C) Enter
- D) Esc

Answer Key: C

Question No. 31

Identify the book that A.P.J. Abdul Kalam wrote last.

- A) The God of Small Things
- B) Advantage India: From Challenge to Opportunity
- C) A Passage to India
- D) Malgudi Days

Answer Key: B

Question No. 32

Which bacteria are responsible for changing soil nitrates into free nitrogen in the Nitrogen cycle?

- A) Denitrifying bacteria
- B) Salmonella typhi
- C) Vibrio cholerae
- D) Tetanus

Answer Key: A

Question No. 33

Which is the commercial and marketing arm of ISRO?

- A) Devas Corporation Limited
- B) Antariksh Corporation Limited

Answer Key: C

Question No. 34

What is the expansion of CAG in the field of accounting?

- A) Comptroller and Auditor General of India
B) Civic Action Group
C) Citizens for Accountable Governance
D) Corporate Accounts Group

Answer Key: A

Question No. 35

When did the Constituent Assembly set up a Drafting Committee to prepare a Draft Constitution for India?

- A) August 29, 1937
B) August 29, 1947
C) August 29, 1927
D) August 29, 1957

Answer Key: B

Question No. 36

Which three Indian freedom fighters were hanged to death for their role in the Kakori Train Conspiracy that took place in 1925?

- A) Roshan Singh, Ram Prasad Bismil and Ashfaqulla Khan
B) Bhagat Singh, Sukhdev, and Rajguru
C) Sardar Udham Singh, Ram Prasad Bismil, and Ashfaqulla Khan
D) None of the options

Answer Key: A

Question No. 37

Which Indian sportsperson won the ESPN's Female Sportsperson of the Year award for the third consecutive year?

- A) Mary Kom
B) P V Sindhu
C) Saina Nehwal
D) Sania Mirza

Answer Key: B

Question No. 38

Who became the first person to run across Africa continent?

- A) Russell Cook
B) Dennis Kimetto
C) Kenenisa Bekele
D) Sisay Lemma

Answer Key: A

Question No. 39

Which ministry has drafted model rules for childbirth registration?

- A) Ministry of Health and Family Welfare
B) Ministry of Urban Development
C) Ministry of External Affairs
D) Ministry of Home Affairs

Answer Key: D

Question No. 40

Which state is home to the Vembanad Lake?

- A) Kerala
B) Karnataka
C) Andhra Pradesh
D) Odisha

Answer Key: A

Question No. 41

If $(4x^2 - 3y^2) : (2x^2 + 5y^2) = 12 : 19$, find $x : y$.

- A) 4 : 3
B) 1 : 2
C) 3 : 2
D) 2 : 5

Answer Key: C

Question No. 42

The length of a rectangle is decreased by $r\%$ and the breadth is increased by $(r + 5)\%$. Find 'r', if the area of the rectangle is unaltered.

- A) 5
B) 8
C) 10
D) 20

Answer Key: D

Question No. 43

In a set of 10 positive integers, one integer 'a' is misread as 'b'. Then their average is reduced by 1.5. What is the value of $(a - b)$?

- A) 1.5
B) 3
C) 15
D) 30

Answer Key: C

Question No. 44

If $1.5x = 0.04y$, find the value of $(y - x)/(y + x)$.

- A) $73/77$
B) $73/770$
C) $0.73/77$
D) $730/77$

Answer Key: A

Question No. 45

Find the greatest number of four digits exactly divisible by 15, 25, 30 and 45.

- A) 9000
B) 9400
C) 9600
D) 9900

Answer Key: D

Question No. 46

The total interest received from two separate deposits of Rs.5000 after 2 years and Rs.3000 after 4 years at same rate of Simple Interest is Rs.2200. The rate of interest per annum is-

- A) 4%
B) 6.5%

C) 9%

D) 10%

Answer Key: D

Question No. 47

If the diagonals of a rhombus measure 10 cm and 24 cm, find its area.

A) 120 cm²

B) 121 cm²

C) 78 cm²

D) 90 cm²

Answer Key: A

Question No. 48

What is the probability of getting a sum 10, when a die is rolled twice?

A) 3

B) 1/12

C) 5/36

D) 1/36

Answer Key: B

Question No. 49

Out of 5 cards with numbers 1, 2, 3, 4, 5, two are picked at random one after the other. What is the probability that the number in the second card is odd?

A) 3/10

B) 3/4

C) 1/6

D) 3/5

Answer Key: D

Question No. 50

An aeroplane is moving at a constant altitude 'h'. At 10:00 AM, it is seen at an elevation of 30°. One minute later, it is observed at an elevation of 60°. If the speed of the plane is 960 km/h, then find the value of 'h'.

A) 13.86 km

B) 12.46 km

C) 15 km

D) 20 km

Answer Key: A

Question No. 51

Ajay and Vijay can do a piece of work in 70 and 60 days, respectively. They start the work together; and after sometime, Ajay leaves. Vijay finished the remaining work in 47 days. When did Ajay quit the work?

A) After 14 days

B) After 10 days

C) After 8 days

D) After 7 days

Answer Key: D

Question No. 52

A and B enter into a partnership with Rs.50000 and Rs. 60000 respectively. C joins them after 'x' months, contributing Rs.70000 and B leaves 'x' months before the end of the year. If they share the profit in the ratio of 20 : 18 : 21, then find the value of 'x'.

A) 3

B) 6

C) 5

D) 4

Answer Key: A

Question No. 53

A boat takes 12 hours to go downstream and 24 hours to return while covering a certain distance. What is the time taken by the boat to cover the same distance in still water?

A) 15 hours

B) 10 hours

C) 16 hours

D) 18 hours

Answer Key: C

Question No. 54

The expression, $a^3 + b^3 + 3ab(a+b)$ is equivalent to-

A) $(a - b)^3$

B) $(a - 3b)^3$

C) $(a + b)^3$

D) $(b - a)^3$

Answer Key: C

Question No. 55

If there is an increase of 60% on a certain sum in 6 years at some rate of Simple Interest, then what will be the ratio between Compound Interest and Simple Interest on the same sum at the same rate per annum in 3 years?

A) 331 : 300

B) 300 : 331

C) 11 : 10

D) 133 : 100

Answer Key: A

Question No. 56

The sum of two numbers is 36. If the numbers are in the ratio 4 : 5, what is their HCF?

A) 5

B) 8

C) 4

D) 2

Answer Key: C

Question No. 57

If 80% of a first number is equal to $\frac{2}{3}$ of second number, then find the ratio of the two numbers respectively.

A) 5 : 6

B) 6 : 7

C) 5 : 7

D) 2 : 7

Answer Key: A

Question No. 58

How is the price of an article affected, if after a hike of 25%, there is a rebate of 12%?

A) 10% increase

B) 10% decrease

C) 18% increase

D) 15% decrease

Answer Key: A

Question No. 59

Find the greatest number which leaves the same remainder on dividing 18, 34 and 66.

- A) 14
B) 8
C) 12
D) 16

Answer Key: D

Question No. 60

The HCF of two numbers is 7 and their sum is 49. What is the ratio of one such number-pair that has the minimum product?

- A) 3 : 4
B) 2 : 5
C) 1 : 6
D) 2 : 3

Answer Key: C

Question No. 61

If $a = -3$, what is the LCM of the expressions $(x^2 + 2x + a)$ and $(x^2 + ax + 2)$?

- A) $(x - 1)(x - 2)$
B) $(x - 1)(x + 3)$
C) $(x - 2)(x - 1)(x + 3)$
D) $(x - 2)(x - 3)$

Answer Key: C

Question No. 62

Find the LCM of $3x^2y$, $15xy^2$, $12x^2y^2$.

- A) $3xy$
B) $180xy^2$
C) $60x^2y^2$
D) $60xy^2$

Answer Key: C

Question No. 63

The increases in the base radius and slant height of a cone are 20% and 100%, respectively. What percent is the increase in the curved surface area?

- A) 120%
B) 140%
C) 160%
D) 80%

Answer Key: B

Question No. 64

Read the question below followed by two statements. Based on the information, select the option that applies.

Question:

Find the value of 'n'.

Statements:

I. If $x^2 - nx + 1 = 0$

II. If the equation has solution as ' $x = 1$ '

- A) Statement I alone is sufficient while II alone is not sufficient to answer the question
- B) Statement II alone is sufficient while I alone is not sufficient to answer the question
- C) Either statement I or II is sufficient to answer the question
- D) Both statements I and II are sufficient to answer the question

Answer Key: D

Question No. 65

If a man goes from home to office at 40 km/h, he is late by 30 minutes. Instead, if his speed is 60 km/h, he will reach office 20 minutes early. What is the distance between his home and office?

- A) 80 km
- B) 100 km
- C) 120 km
- D) 60 km

Answer Key: B

Question No. 66

A trader buys 200 kg of grains for Rs.8000. In transit, 4% of this grain is lost. At what rate per kilogram should he sell the rest to earn 20% profit?

- A) Rs.48/kg
- B) Rs.45/kg
- C) Rs.50/kg
- D) Rs.48.33/kg

Answer Key: C

Question No. 67

The sum of the squares of the digits constituting a two-digit positive number is 2.5 times as large as the sum of its digits and is larger by unity than the trebled product of its digits. Find the number.

- A) 13 and 31
- B) 12 and 21
- C) 22 and 33
- D) 14 and 41

Answer Key: A

Question No. 68

When 31320 is divided by 216, the quotient is 145. What will be the quotient when 31.320 is divided by 0.0145?

- A) 3132
- B) 6264
- C) 2160
- D) 4320

Answer Key: C

Question No. 69

If 'P' and 'Q' can do a piece of work in 8 days, 'Q' and 'R' can do the same work in 10 days and 'R' and 'P' can do the same work in 15 days, then in how many days 'P' alone can do the work?

- A) 240/11 days
- B) 210/11 days
- C) 180/11 days
- D) 134/11 days

Answer Key: A

Question No. 70

A machine has a marked price of Rs.3400. It is sold with a 4% discount on Rs.3000 and an additional discount of 1.5% on the remaining Rs.400. At what price was it sold?

- A) Rs.2700 B) Rs.3274
C) Rs.2784 D) Rs.2280

Answer Key: B

Question No. 71

Complete the series.

31, 29, 24, 22, 17, (...)

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

Answer Key: A

Question No. 72

Study the following table and answer the question given below it.
The following table represents the types of road accidents registered in a state over the years.

Road accidents registered in a State				
Years	Types of Accidents			
	Casualties	Serious	Injurious	Minor
2014	6000	6600	20300	31700
2015	7000	7700	22100	36000
2016	8600	8500	23400	38000
2017	7900	8600	32000	37000
2018	6500	7300	18200	29800

What is the ratio between the serious accidents in the year 2014 to that in the year 2017?

- A) 13 : 23 B) 29 : 26
C) 33 : 43 D) 13 : 14

Answer Key: C

Question No. 73

Read the following information carefully and answer the question given below.

Arun and Raja play football and hockey. Deepan and Dinesh play badminton and cricket. Raja and Deepan play cricket and football. Arun and Dinesh play hockey and badminton.

Who among the following plays badminton, football and hockey?

- A) Raja
- C) Deepan

- B) Arun
- D) Dinesh

Answer Key: B

Question No. 74

Read the following information carefully and answer the question given below.

B, M, T, R, K, H and D are travelling in a train compartment with three tier sleeper berth. Each of them has a different profession of engineer, doctor, architect, pharmacist, lawyer, journalist and pathologist. They occupy two lower berths, three middle berths and two upper berths. B, the engineer, is on the upper berth. The architect is the only other person who occupies the same type of berth as that of B. M and H are on the middle berth and their professions are pathologist and lawyer respectively. T is a pharmacist who occupies the same type of berth as that of H. D is neither a journalist nor an architect. K occupies the same type of berth as that of the doctor.

What is the profession of K?

- A) Pharmacist
- C) Journalist

- B) Lawyer
- D) Engineer

Answer Key: C

Question No. 75

In this question, three statements are given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

- 1) Some watches are cycles.
- 2) All cycles are cars.
- 3) All cars are bikes.

Conclusions:

- I. Some watches are cars.
- II. Some cars are cycles.
- III. All cycles are bikes.

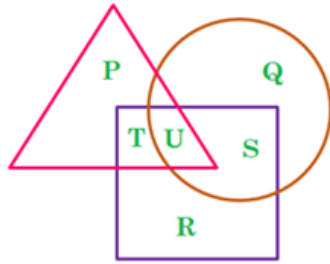
- A) Only conclusion II follows
- C) Only conclusion II and III follow

- B) Only conclusion I and III follow
- D) All conclusions follow

Answer Key: D

Question No. 76

In the given figure, the circle represents mothers, triangle represents workers, and square represents sisters. Which region represents the persons who are both mothers and sisters but not workers?



- A) U
B) T
C) S
D) Q

Answer Key: C

Question No. 77

Read the following information carefully and answer the question given below.

Seven managers— J, K, L, M, N, O and P are sitting along a circle facing the centre. J is between P and M. L is second to the right of M and is between K and O. K is not the neighbour of N.

Which of the following is CORRECT?

- A) P is between J and M
B) M is second to the left of P
C) L is third to the left of J
D) J is to the immediate left of M

Answer Key: D

Question No. 78

In a certain code language, 'pt tr fn' means 'delicious juicy fruit', 'ti dp sg' means 'beautiful white lily' and 'sg ln fn' means 'lily and fruit'. Which of the following means 'and' in that code language?

- A) ln
B) sg
C) fn
D) tr

Answer Key: A

Question No. 79

Which number will best complete the relationship given below?

6 : 24 :: 120 : ?

- A) 210
B) 212
C) 215
D) 229

Answer Key: A

Question No. 80

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Cinema owners incur a huge loss because cable operators show the latest films on cable television.

Conclusions:

- I. Cinema halls should give huge discounts so that people come to watch cinema in theatres.
- II. Cable operators should be banned from showing the latest films on television.

- A) Only conclusion I follows
- B) Only conclusion II follows
- C) Both conclusions I and II follow
- D) Neither conclusion I nor II follows

Answer Key: D

Question No. 81

Read the following question and decide which of the statements is sufficient to answer the question.

Question:

What is the total number of students in the class?

Statements:

- I. Ravi's rank was 15th from the top in the class.
- II. Ravi's rank was 26th from the bottom in the class.

- A) Statement I alone is sufficient while statement II alone is not sufficient to answer the question
- B) Statement II alone is sufficient while statement I alone is not sufficient to answer the question
- C) Either statement I or II is sufficient to answer the question
- D) Both statements I and II together are sufficient to answer the question

Answer Key: D

Question No. 82

In this question, four statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

- 1) Some lions are tigers.
- 2) Some tigers are elephants.
- 3) All elephants are monkeys.
- 4) All monkeys are humans.

Conclusions:

- I. Some humans are tigers.
- II. Some monkeys are tigers.

- A) Only conclusion I follows
- B) Only conclusion II follows

C) Both conclusions I and II follow

D) Either conclusion I or II follows

Answer Key: C

Question No. 83

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

The campaign of 'Swachh Bharat', Keep your cities clean, started by the apartment association didn't bring much response from its residents.

Conclusions:

I. The association spared no effort.

II. The association has failed in the campaign.

A) Only conclusion I follows

B) Only conclusion II follows

C) Both conclusions I and II follow

D) Neither conclusion I nor II follows

Answer Key: B

Question No. 84

In a family of six persons P, Q, R, S, E and F, there are two married couples. S is the grandmother of P and the mother of Q. R is the wife of Q and the mother of F. F is the granddaughter of E. Who among the following is one of the couples?

A) ER

B) SE

C) PF

D) Cannot be determined

Answer Key: B

Question No. 85

In the following question, which of the two signs are interchanged to make the equation correct?

$$5 \div 4 \times 6 + 2 - 5 = 12$$

A) + and -

B) x and ÷

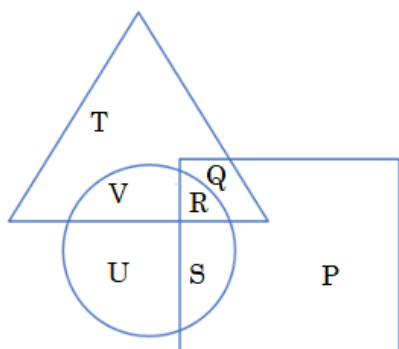
C) ÷ and -

D) ÷ and +

Answer Key: D

Question No. 86

In the given figure, the circle represents people who visited Nagpur, triangle represents people who visited Pune, and square represents people who visited Mumbai. Which region represents people who visited both Nagpur and Pune but NOT Mumbai?



- A) U
- B) Q
- C) V
- D) S

Answer Key: C

Question No. 87

If ' \rightarrow ' stands for '+', ' \leftarrow ' stands for '-', ' \uparrow ' stands for ' \div ', ' \downarrow ' stands for ' \times ', and ' \nearrow ' stands for '=', then which of the following options is correct?

- A) $7 \leftarrow 43 \uparrow 6 \downarrow 1 \nearrow 4$
- B) $3 \downarrow 6 \uparrow 2 \rightarrow 3 \leftarrow 6 \nearrow 5$
- C) $5 \rightarrow 7 \leftarrow 3 \uparrow 2 \nearrow 4$
- D) $2 \downarrow 5 \leftarrow 6 \rightarrow 2 \nearrow 6$

Answer Key: D

Question No. 88

In a certain code language, 'MONKEY' is written as 'NQPMGZ'. How is 'TIGER' written in that code language?

- A) UKIGS
- B) UKKGS
- C) UKIFS
- D) UKISG

Answer Key: A

Question No. 89

Select a word from the given options that is different from the other words.

- A) Boat
- B) Ship
- C) Ferry
- D) Sea

Answer Key: D

Question No. 90

Which word will best complete the relationship given below?

Hot : Oven :: Cold : ?

A) Ice cream

B) Television

C) Snow

D) Refrigerator

Answer Key: D

Question No. 91

Read the following question and decide which of the statements is sufficient to answer the question.

Question:

Among the six birds A, B, C, D, E and F, who has the most melodious voice?

Statements:

I. A has a less melodious voice than only two birds. E has a more melodious voice than F but a less melodious voice than C. C has a less melodious voice than A. B has a less melodious voice than D.

II. C has a more melodious voice than only two birds. B has a more melodious voice than A but not the most melodious. E has a more melodious voice than only F.

- A) Statement I alone is sufficient while statement II alone is not sufficient to answer the question
- B) Statement II alone is sufficient while statement I alone is not sufficient to answer the question
- C) Both statements I and II together are sufficient to answer the question
- D) Either statement I or II is sufficient to answer the question

Answer Key: D

Question No. 92

Complete the series.

DIK, GKM, JMO, (...)

A) MOQ

B) NPR

C) MOS

D) MQO

Answer Key: A

Question No. 93

There are eight family members A, G, H, L, M, P, Q and S. M is the uncle of Q, who is the daughter of S. There are two married couples in the family and two grandchildren in the family. H has one daughter and one son. A is the granddaughter of P and the sister of G. P is the sister-in-law of M. L is the wife of H, who is male. Q has only one brother. How is G related to Q?

A) Brother

B) Father-in-law

C) Nephew (Brother's son)

D) Father

Answer Key: C

Question No. 94

Five girls are sitting on a ladder. Sarla is above Chitra but below Daisy. Vimmi is between Sarla and Chitra. Daisy is between Anu and Sarla. Who is at the top of the ladder?

A) Daisy

B) Anu

C) Vimmi

D) Chitra

Answer Key: B

Question No. 95

If in a given number sequence 5 8 9 4 3 2 7 6 1 4, the first and second digits, the third and fourth, the fifth and sixth and so on are interchanged, then counting from the right end, which digit will be sixth?

A) 3

B) 2

C) 4

D) 5

Answer Key: B

Question No. 96

Select the pair of words from the given options that represents a relationship similar to the one expressed in the following pair of words.

Eyes : Tears

A) Heart : Artery

B) Volcano : Lava

C) Hunger : Bread

D) Sea : Rain

Answer Key: B

Question No. 97

Study the following information carefully and choose the correct answer based on the scenario.

Following are the criteria for granting admission to the candidates in the UG course in Mechanical Engineering

The candidate must:

(i)Have HSC with 90% marks.

(ii)Not be more than 18 years of age as on 21.3.2024.

(iii)Have obtained at least 75% marks in the entrance test.

(iv)Pay a sum of Rs. 50,000 at the time of admission as course fee.

However, if the candidate fulfils all the above criteria except (iii) but have 95% in HSC and at least 70% marks in the entrance test, the case may be referred to the Director of the Institute.

If there is any loss of information in the candidate details, it should be treated as Data Inadequate.

Scenario: Anil was born on 10th March 2007. He has secured 90% marks in HSC and 80% marks in the entrance test, and he is ready to pay Rs. 50,000 at the time of admission.

A) The candidate is to be admitted

B) The candidate is not to be admitted

C) This case is to be referred to the Director

D) Data inadequate

Answer Key: A

Question No. 98

U, V, W and X are sitting around a round table facing the centre. V is sitting next to X. W is facing V. U is to the right of W. Which statement is false?

- A) V is to the right of U
C) V is between U and X

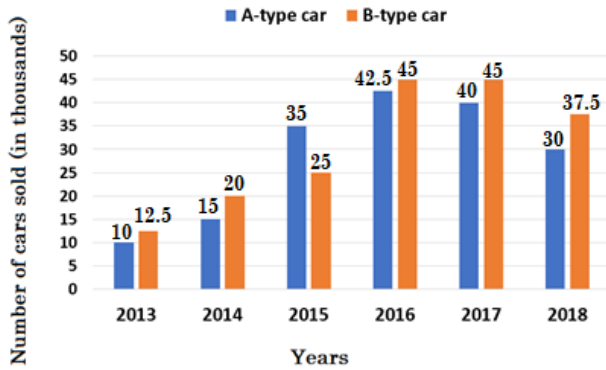
- B) X is between W and V
D) X is to the left of V

Answer Key: D

Question No. 99

Study the following bar graph and answer the question given below it.

The following bar graph represents the number of two types of cars sold over the years.



The number of A-type cars sold in 2017 was exactly what percentage of the number of B-type cars sold in 2014?

- A) 20%
B) 100%
C) 150%
D) 200%

Answer Key: D

Question No. 100

The criteria for a candidate for the position of Trainee Officers are provided followed by a scenario, a question and 4 courses of action. Select the option that is the most appropriate course of action with respect to the person's candidature.

The candidate must:

- (i) be a graduate in any discipline with at least 55% marks.
- (ii) have secured at least 60% marks in class 12.
- (iii) be at least 22 years and not more than 29 years as on 1.1.2016.
- (iv) have secured at least 40% marks in the selection examination.
- (v) have secured at least 50% marks in the personal interview.
- (vi) be ready to sign a bond for 2 years.

In the case of a candidate who fulfils all conditions except—

- (a) At (i) above, but is a qualified CA, the case is to be referred to ED.
- (b) at (v) above, but has secured at least 60% marks in the selection examination, the case is to be referred to Head.

Scenario: Sunil was born on November 4, 1988. He has secured 67% marks in class 12 and 50% marks in graduation. He also has qualified in the CA exam. He has secured 50% marks in both the selection examination and personal interview. He is ready to sign a bond for 2 years.

A) The candidate is to be selected

B) The candidate is not to be selected

C) The case is to be referred to ED

D) The case is to be referred to Head

Answer Key: C