1. The radius of a right circular cylinder is thrice of its height. If the height of the cylinder is 2.1 cm, then what is the volume of cylinder?

(1) 224.65 cm3

(2) 194.72 cm3

(3) 324.86 cm3

(4) 261.95 cm3

Ans. 4

Sol.

1. A vessel contains oil and water in the ratio 7 : 3. On adding 6 litres water in the mixture, the ratio of oil to water becomes 5 : 3. Find the quantity of oil in the mixture.

(1) 35 liters

(2) 60 liters

(3) 100 liters

(4) 50 liters

Ans. 1

Sol.

1. If A : B = (1/3) : (1/4) and B : C = 4 : 1, then the value of A : B : C is:

(1) 16 : 12 : 1

(2) 4 : 12 : 1

(3) 16 : 12 : 3

(4) 16 : 4 : 3

Ans. 3

Sol.

1. A watch is offered for Rs. 1936 after two successive discounts of 12% each. Find the marked price of the watch.

(1) Rs. 3500

(2) Rs. 2200

(3) Rs. 2700

(4) Rs. 2500

Ans. 4

Sol.

1. The salaries of three friends Veena, Reena and Meeta are in the ratio of 3 : 4 : 7. If the salaries of Veena, Reena and Meeta are increased by 20%, 50% and 80% respectively, then what will be the new ratio of salaries of Veena, Reena and Meeta?

(1) 5 : 10 : 7

(2) 9 : 16 : 21

(3) 6 : 10 : 21

(4) 3 : 4 : 5

Ans. 3

Sol.

1. Where is India’s first ‘wolf sanctuary’ established in April 2025?

(1) Latehar (Jharkhand)

(2) Wardha (Maharashtra)

(3) Sehore (Madhya Pradesh)

(4) Bilaspur (Chhasttisgarh)

Ans. 1

Sol.

1. Who has been awarded the “Holberg Prize 2025” of Norway in March 2025?

(1) Amartya Sen

(2) Romila Thapar

(3) Sunil Khilnani

(4) Gayatri Chakravorty Spivak

Ans. 4

Sol.

1. Where will the testing of the country’s first indigenous ‘MRI macine’ begin in March 2025?

(1) AIIMS, Delhi

(2) AIIMS, Bhopal

(3) AIIMS, Rishikesh

(4) AIIMS, Jodhpur

Ans. 1

Sol.

1. Who has been elected as the President of ‘International Big Cat Alliance (IBCA)’ in June 2025?

(1) Narendra Modi

(2) S.P. Yadav

(3) Ashwini Vaishnaw

(4) Bhupendra Yadav

Ans. 4

Sol.

1. Which country has become the 123rd member of the ‘International solar Alliance (ISA)’ in May 2025?

(1) Angola

(2) Botswana

(3) Mali

(4) Nigeria

Ans. 1

Sol.

1. Who will become the first player to hit ‘1000 boundaries’ in IPL history in April 2025?

(1) Rohit Sharma

(2) David Warner

(3) Virat Kohli

(4) Shikhar Dhawan

Ans. 3

Sol.

1. Which city will host the Asian Games 2030?

(1) Doha

(2) Riyadh

(3) New Delhi

(4) Tashkent

Ans. 1

Sol.

1. Which of the following is NOT a style of Hindustani classical music?

(1) Alapana

(2) Tappa

(3) Thumri

(4) Dhrupad

Ans. 1

Sol.

1. Navroz festival is related to which religious community?

(1) Parsi

(2) Buddhist

(3) Jain

(4) Sikh

Ans. 1

Sol.

1. ‘Patna Kalam’ is a \_\_\_\_\_\_\_\_\_\_

(1) Style of painting

(2) Famous pen

(3) Museum in Patna

(4) Group of Bihari Poets

Ans. 1

Sol.

1. Select the figure in which the given figure is embedded (Rotation is not allowed)



(1) 

(2) 

(3) 

(4) 

Ans. 4

Sol.

1. Which of the mathematical signs should be interchanged in the below equation to make it mathematically, correct?

242 – 528 ÷ 6 + 14 × 13 = 148

(1) ÷, ×

(2) +, ×

(3) -, ×

(4) +, -

Ans. 4

Sol.

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

9, 14, 21, 30, ?, 62

(1) 41

(2) 53

(3) 40

(4) 49

Ans. 4

Sol.

1. In the question given below, three statements are given followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read conclusions and decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts

**Statements**:

All sofas are beds

Some beds are couch

No chair is sofa

**Conclusions:**

I. No couch is chair

II. Some sofas are couch

(1) Both I and II follow

(2) Only II follows

(3) Only I follows

(4) None follows

Ans. 4

Sol.

1. Each of the letters in the word PASSWORD are arranged in alphabetical order. How many letters are there in the English alphabetical series between the letter which is second from the left and the one which is fourth from the right in the new letter-cluster this formed?

(1) Thirteen

(2) Fifteen

(3) Twelve

(4) Ten

Ans. 1

Sol.

1. The lateral surface area (in cm2) of a cone whose radius is 2 cm and height is 2 cm is:

(1) 88

(2) 50

(3) 66

(4) 72

Ans. 1

Sol.

1. Evaluate: 24 cos3 – 18 cos

(1) -6

(2) 4

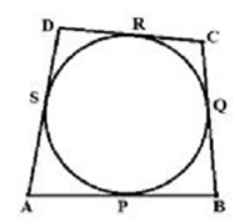
(3) 6

(4) -4

Ans. 1

Sol.

1. In the given figure, if AB = 14 cm, CD = 12 cm, DR = 5 cm and AS = 11 cm. Then BC = ? (in cm)



(1) 6

(2) 10

(3) 13

(4) 18

Ans. 2

Sol.

1. If (2y – 3) is a factor of my2 – 4 my + n, then –

(1) 3m = 4n/5

(2) m = 2m/5

(3) 5m = 2n/5

(4) m = n/15

Ans. 1

Sol.

1. A, B and C started a business with investments in the ratio 3 : 8 : 4 respectively. A invested for 16 months, B invested for 1 year and C invested for 2 years. If the share of C in profit is Rs. 4800, then calculate the total profit received by them.

(1) Rs. 15000

(2) Rs. 14400

(3) Rs. 12000

(4) Rs. 13200

Ans. 3

Sol.

1. What is the full form of an ATM?

(1) Automated Teller Machine

(2) Automatic Totalling Machine

(3) Automatic Teller Machine

(4) Automated Totalling Machine

Ans. 1

Sol.

1. What was the first domain name ever registered on the World Wide Web?

(1) www. Computer.com

(2) www.linux.com

(3) www.symbolics.com

(4) www.server.com

Ans. 3

Sol.

1. How many distinct symbols are used in the hexadecimal number system?

(1) 2

(2) 3

(3) 16

(4) 1

Ans. 3

Sol.

1. The Digambara sect belongs to which of the following religions?

(1) Buddhism

(2) Islam

(3) Jainism

(4) Sikhism

Ans. 3

Sol.

1. Name the Buddhist text that comprises rules for monks.

(1) Abhidhamma

(2) Vinaya Pitaka

(3) Tripitaka

(4) Sutta Pitaka

Ans. 2

Sol.

1. In a certain coded language, ‘STONE’ means ‘RSNMD’, then how will ‘ROUND’ be coded in this same coding system?

(1) QMTNC

(2) QMUNC

(3) QNTOC

(4) QNTMC

Ans. 4

Sol.

1. Select the letter cluster that can replace the question mark (?) in the following cluster series.

DfH, JkL, NpR, TuV, ?

(1) Uwz

(2) tVx

(3) YbE

(4) XzB

Ans. 4

Sol.

1. In the following question, select the odd letters from the given alternatives.

(1) JHFA

(2) RPMJ

(3) USQL

(4) TRPK

Ans. 2

Sol.

1. In the word BLEACH, each consonant is changed to the letter immediately preceding it in the English alphabetical order and each vowel is changed to the letter immediately succeeding it in the English alphabetical order. Which of the following letters is repeated twice in the new group of letters this formed?

(1) A

(2) K

(3) F

(4) B

Ans. 4

Sol.

1. Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and this form a group. Which pair does not belong to that group.

[Note: The odd one out is not based on the number of consonants / vowels or their position in the letter cluster].

(1) VZ – TX

(2) GK – ZD

(3) CG - VZ

(4) WA – PT

Ans. 1

Sol.

1. Find the value of:

- - cot 24° cot 21° cot 45° cot 69° cot 66°

(1) 2

(2) 1

(3) 4

(4) 3

Ans. 4

Sol.

1. From a point T, which is at a distance of 17 cm from the centre O of a circle, a pair of tangents TA and TB each of length 15 cm are drawn at A and B respectively. The area of the quadrilateral TAOB (in sq. cm) is:

(1) 90

(2) 120

(3) 60

(4) 100

Ans. 2

Sol.

1. If (a + b)2 = 196 and ab = 12, then find the value of 2(a3 + b3), where a, b > 0 :

(1) 2240

(2) 3280

(3) 4480

(4) 5660

Ans. 3

Sol.

1. Find the curved surface area of a cylinder whose radius and the height are 4 cm and 14 cm respectively.

(1) 322 cm2

(2) 243 cm2

(3) 352 cm2

(4) 142 cm2

Ans. 3

Sol.

1. At present, the average age of ‘L’ and ‘K’ is 32 years. If the ratio between the age of ‘L’ 6 years ago and the age of ‘K’ after 6 years from now is 17 : 15, respectively then find the present age of ‘K’.

(1) 20 Years

(2) 24 Years

(3) 23 Years

(4) 18 Years

Ans. 2

Sol.

1. In which language was ‘Baburnamna’, the Memoirs of Babur composed?

(1) Urdu

(2) Kurdish

(3) Turkish

(4) Pashto

Ans. 3

Sol.

1. Who among the following was one of the finest calligraphers at Akbar’s court, who was honoured with the title ‘Zamin Qalam’ (golden pen)?

(1) Abul Fazal

(2) Daswant

(3) Muhammad Husayn

(4) Basawan

Ans. 3

Sol.

1. Who painted the painting “In memoriam” dedicated to British women in India during the Revolt of 1857?

(1) Felice Beato

(2) Thomas Jones Barker

(3) John Tenniel

(4) Joseph Noel Patone

Ans. 4

Sol.

1. In 1939, which Viceroy of India announced that India had entered the war along with Britain?

(1) Lord Wavell

(2) Lord Mountbatten

(3) Lord Linlithgow

(4) Lord Willingdon

Ans. 3

Sol.

1. Which of the following was a measure taken under the Rowlatt Act?

(1) Restriction on wearing khadi

(2) Restriction on traveling abroad

(3) Forced to buy foreign goods

(4) Imprisonment without trial

Ans. 4

Sol.

1. Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. A sits fifth from the right end. Only two people sit between E and A. C is an immediate neighbour of G and E. B sits to the immediate right of F. How many people sit between D and B?

(1) Two

(2) Three

(3) Four

(4) One

Ans. 3

Sol.

1. Which of the following options should come in place of the question mark (?) in the given series based on the English alphabetical order?

BDG, DFI, FHK, HJM, JLO, ?

(1) LNQ

(2) OPR

(3) POR

(4) NLQ

Ans. 1

Sol.

1. Town L lies to the west of Town M. Town D lies to the northeast of Town L. Town A lies to the west of Town D. Town R lies to the east of Town D. What is the position of Town R with respect to Town L?

(1) Northwest

(2) Northeast

(3) Southwest

(4) Southeast

Ans. 2

Sol.

1. In the following number – pairs, the second number is obtained by applying certain mathematical operations to the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of : : is the same as that on the right side of : : ?

[NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed].

X : 961 : : 34 : Y

(1) X = 39, Y = 529

(2) X = 41, Y = 576

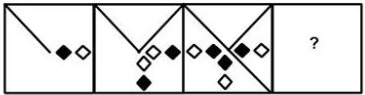
(3) X = 45, Y - 625

(4) X = 47, Y = 729

Ans. 2

Sol.

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



(1) 

(2) 

(3) 

(4) 

Ans. 3

Sol.

1. Pipes ‘A’, ‘B’ and ‘C’ together can fill a tank in 20 minutes while pipes ‘A’ and ‘C’ together can fill the same tank in 25 minutes. If both pipes ‘A’ and ‘C’ are opened for 15 minutes and after this ‘B’ is opened and ‘A’ and ‘C’ are closed, then find the time taken by ‘B’ to fill the remaining tank.

(1) 20 minutes

(2) 40 minutes

(3) 30 minutes

(4) 25 minutes

Ans. 2

Sol.

1. A and B together can do a piece of work in 12 days which B and C together do in 16 days. If A works for 5 days, B work for 7 days than C completes the remaining work in 13 days. In how much time B alone des the whole work.

(1) 24 days

(2) 12 days

(3) 48 days

(4) 16 days

Ans. 3

Sol.

1. A policeman chases a thief who is 750 m ahead of him. If they run at a speed of 11.5 km/hr and 9.5 km/hr, respectively, then what distance (in km, rounded off to 1 decimal place) does the thief run before he is caught by the policeman?

(1) 4.3 km

(2) 4.7 km

(3) 4 km

(4) 4.9 km

Ans. 1

Sol.

1. How much simple interest will Rs. 18000 earn in 32 months at 9% per annum?

(1) Rs. 4320

(2) Rs. 4420

(3) Rs. 4240

(4) Rs. 4280

Ans. 1

Sol.

1. Which of the following number is divisible by 9?

(1) 13674

(2) 20563

(3) 17820

(4) 21228

Ans. 3

Sol.

1. Which railway station is a part of UNESCO’S world heritage sites?

(1) Lokmanya Tilak Terminus

(2) Kolkata Terminus

(3) Anand Vihar Terminus

(4) Chhartrapati Shivaji Maharaj Terminus

Ans. 4

Sol.

1. Which of the following states has zero scheduled tribe population as per Census 2011?

(1) West Bengal

(2) Maharashtra

(3) Punjab

(4) Assam

Ans. 3

Sol.

1. Which zone separates the troposphere from the stratosphere?

(1) Thermopause

(2) Stratopause

(3) Tropopause

(4) Mesopause

Ans. 3

Sol.

1. Rocks which have solidified from molten magma are called \_\_\_\_\_\_\_\_\_\_\_

(1) Metamorphic Rocks

(2) Sedimentary Rocks

(3) Phyllite Rocks

(4) Igneous Rocks

Ans. 4

Sol.

1. What is the correct sequence from North to South of the following ranges of the Himalayas?

I. Ladakh II. Zaskar

III. Karakoram IV. Pir Panjal

(1) IV, II, I, III

(2) III, I, II, IV

(3) I, II, III, IV

(4) I, III, II, IV

Ans. 2

Sol.

1. Select the option which is related to the first number in the same way as the third number is related to the second number and the sixth number is related to the fifth number.

13 : ? : : 18 : 360 : : 15 : 255

(1) 195

(2) 218

(3) 154

(4) 200

Ans. 1

Sol.

1. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

[NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations in 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed]

[161, 23, 7]

[192, 16, 12]

(1) (196, 15, 12)

(2) (200, 18, 13)

(3) (102, 6, 17)

(4) (21, 9, 3)

Ans. 3

Sol.

1. In a certain coded language, “ACCIDENT” is coded as “72”, “EDIBLE” is coded as “42”, then what will be the code for “FUNDAMENTAL” in that coded language?

(1) 132

(2) 90

(3) 110

(4) 156

Ans. 1

Sol.

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

99, 88, 110, 77, 121, ?

(1) 66

(2) 176

(3) 106

(4) 196

Ans. 1

Sol.

1. CYBS is related to GWFQ in a certain way based on the English alphabetical order. In the same way, KUJO is related to OSNM. To which of the following options is SQRK related, following the same logic?

(1) UOWH

(2) VNWJ

(3) WOVI

(4) UPVH

Ans. 3

Sol.

1. Neeraj purchased article A and article B for Rs. 480 each. He sold article A at a profit of 15% and article B at a loss of 10%. Find his overall profit percentage.

(1) 2.5%

(2) 1.2%

(3) 4.8%

(4) 1.6%

Ans. 1

Sol.

1. There are two numbers, P and Q such that P : Q = 23 : 27 and difference between P and Q is 56. Find the HCF of P and Q.

(1) 56

(2) 28

(3) 7

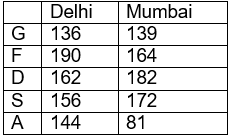
(4) 14

Ans. 4

Sol.

1. Read the data carefully and answer the following question:

Below table shows the number of people (in thousands) who read five different novels from two cities:



The ratio of number of people who read novel D from Delhi to the number of people who read novel A from Mumbai is \_\_\_\_\_\_\_\_\_

(1) 1 : 3

(2) 2 : 1

(3) 3 : 4

(4) 3 : 2

Ans. 2

Sol.

1. Read the data carefully and answer the following question.

What is the ratio of income of persons A, C and E together to the income of persons B and D together?

(1) 13 : 12

(2) 12 : 11

(3) 11 : 10

(4) 10 : 9

Ans. 1

Sol.

1. The average weight of a class of 10 students is increased by 2 kg when one student of 30 kg left and another student joined. After a few months, new student left and another student joined whose weight was 10 kg less than the students who left now. What is the difference between the final and initial average?

(1) 1 kg

(2) 11 kg

(3) 11 kg

(4) 121 kg

Ans. 1

Sol.

1. The Constitution of India came into force in \_\_\_\_\_\_\_

(1) 1950

(2) 1947

(3) 1949

(4) 1948

Ans. 1

Sol.

1. As per Article 53 of the Constitution of India, with whom are all the executive powers of the Union vested?

(1) President

(2) Governor

(3) Prime Minister

(4) Chief Justice

Ans. 1

Sol.

1. The second schedule of the Indian constitution deals with \_\_\_\_\_\_\_\_\_\_

(1) Salary of President, Governors, Chief judges, Judges of High Court and Supreme Court

(2) Forms of oaths and affirmations

(3) Allocation of seats in council of states

(4) List of states & union territories

Ans. 1

Sol.

1. Which fundamental right is violated if a group of people are NOT given permission to open a Telugu medium school in Kerala?

(1) Cultural and Educational Rights

(2) Right to Freedom of Religion

(3) Right to Equality

(4) Right to freedom

Ans. 1

Sol.

1. Select the correct statement about Rajya Sabha.

(1) A member who is elected for a full term in Rajya Sabha serves for a period of four years.

(2) The President of India acts as ex-officio Chairman of Rajya Sabha.

(3) It is the lower house of parliament and it dissolves every five years.

(4) It is called the upper house of parliament and it never dissolves.

Ans. 4

Sol.

1. Seven students, Q, R, S, T, W, X and Y are sitting in a straight line facing north. W sits to the immediate right of S. Only three people sit between T and W. No one sits to the right of Q. Only two people sit between Q and S. Y sits to the immediate right of X. How many people sit between R and Y?

(1) Two

(2) One

(3) Three

(4) Four

Ans. 1

Sol.

1. Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

[Left] & + + % 5 / 6 % 2 / 1 9 \* $ @ 4 / / & 7 < [Right]

How many such symbols are there each of which is immediately preceded by another symbol and also immediately followed by a number?

(1) One

(2) Three

(3) Two

(4) Four

Ans. 2

Sol.

1. What should come in place of ‘?’ in the given series based on the English alphabetical order?

IRP JSQ KTR LUS ?

(1) MVP

(2) MVS

(3) MVR

(4) MVT

Ans. 4

Sol.

1. What should come in place of the question mark (?) in the given series?

699 698 690 663 ? 474

(1) 579

(2) 519

(3) 559

(4) 599

Ans. 4

Sol.

1. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed).

61 : 182

39 : 116

(1) 52 : 155

(2) 25 : 175

(3) 33 : 101

(4) 40 : 192

Ans. 1

Sol.

1. Ritesh bought an article of Rs. 10450 and made a down payment. He paid the remaining amount in two equal installments of Rs. 4960 at 12% rate of simple interest. Find the down payment made by Ritesh.

(1) Rs. 1920

(2) Rs. 1860

(3) Rs. 2240

(4) Rs. 1970

Ans. 4

Sol.

1. The given bar graph shows the number of speakers and headphones sold of five different brands in a month.

The number of speakers sold of brand F is 188 less than number of speakers sold of brand E and number of headphones sold of brand F is 90% of number of headphones sold of brand E. The ratio of number of speakers to number of headphones sold of brand F is:

(1) 2 : 3

(2) 1 : 2

(3) 4 : 3

(4) 1 : 3

Ans. 1

Sol.

1. The ratio of speed of the boat in still water and the speed of the stream is 7 : 3 respectively. If boat can cover 180 km downstream in 9 hours, then find the upstream distance covered by it in 6 hours.

(1) 90 km

(2) 32 km

(3) 48 km

(4) 60 km

Ans. 3

Sol.

1. Simplify the following:

216 ÷ [ 18 – {42 ÷ (13 × 7 – 4 × 21)}]

(1) 24

(2) 18

(3) 9

(4) 12

Ans. 2

Sol.

1. Simplify the following expression:

(1) 12

(2) 8

(3) 10

(4) 24

Ans. 2

Sol.

1. What is the minimum age for becoming a member of the Rajya Sabha?

(1) 25 Years

(2) 30 Years

(3) 35 Years

(4) 21 Years

Ans. 2

Sol.

1. Each Gram Panchayat is represented by how many sarpanch?

(1) Two

(2) One

(3) Three

(4) Four

Ans. 2

Sol.

1. Which is the primary function of money?

(1) It is the basis of distribution of income

(2) It is a storehouse of goods

(3) It is the basis of debit

(4) It is a medium of exchange

Ans. 4

Sol.

1. During which of the following Five Year Plan was License Raj introduced?

(1) Fifth Five Year Plan

(2) Six Five Year Plan

(3) Fourth Five Year Plan

(4) Second Five Year Plan

Ans. 4

Sol.

1. In which of the following years did the monopolies and Restrictive Trade Practices Act (MRTP) became effective?

(1) 1968

(2) 1970

(3) 1974

(4) 1978

Ans. 2

Sol.

1. Which of the following correctly define the term ‘Cash Reserve Ratio’?

(1) Percentage of liquid reserves in the bank

(2) Percentage of deposits which a bank must keep as cash reserves with the Reserve Bank of India

(3) Liabilities of the bank which need to be paid for.

(4) Ratio of deposits for the expenses of the firms.

Ans. 2

Sol.

1. The speed of sound in air at 0 °C is \_\_\_\_\_\_\_\_\_

(1) 331 ms-1

(2) 331 ms

(3) 330 ms

(4) 330 ms-1

Ans. 1

Sol.

1. Which of the following fatty acids does NOT form soap?

(1) Oleic acid

(2) Butyric acid

(3) Stearic acid

(4) Palmitic acid

Ans. 2

Sol.

1. Which of the following is not a voluntary action?

(1) Closing of fist

(2) Beating of heart

(3) Moving a chair

(4) Taking an object

Ans. 2

Sol.

1. Which of the following groups of organisms help in keeping the environment clean?

(1) Bacteria and Fungi

(2) Algae and Protozoa

(3) Protozoa and Lichens

(4) Algae and Lichens

Ans. 1

Sol.

1. Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follows from the given statements.

**Statements:**

Some tickets are goats

No tickets are books

All tickets are lizards

**Conclusions:**

I. Some goats are lizards

II. No lizards are books

(1) Only conclusion (I) follows

(2) Both conclusions (I) and (II) follow

(3) Neither conclusion (I) nor (II) follow

(4) Only conclusion (II) follows

Ans. 1

Sol.

1. A, F, J, K, P and Q live on six different floors of the same building. The lowermost floor in the building is numbers 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between F and K. Only two people live between Q and A. Only one person lives between J and A. J lives on floor numbered 1. F lives above A. How many people live between P and Q?

(1) One

(2) Three

(3) Four

(4) Two

Ans. 1

Sol.

1. In a certain code language:

A + B means ‘A is the mother of B’

A - B means ‘A is the father of B’

A × B means ‘A is the sister of B’

A / B means ‘A is the brother of B’

A > B means ‘A is the husband of B’

A \* B means ‘A is the wife of B’

How is A related to N if M × Q \* A – D / N × P ?

(1) Father

(2) Mother

(3) Sister

(4) Mother’s mother

Ans. 1

Sol.

1. In a certain code language, ‘WOLF’ is coded as ‘5628’ and ‘FLOP’ is coded as ‘8326’. What is the code for ‘P’ in the given code language?

(1) 3

(2) 2

(3) 8

(4) 6

Ans. 1

Sol.

1. This question is based on the five, three-digit numbers given below.

[Left] 741 583 735 495 657 [Right]

[Example – 697 – First digit = 6, second digit = 9 and third digit = 7]

NOTE: All operations to be one from left to right.

What will be the resultant it the third digit of the highest number is multiplied with the second digit of the lowest number?

(1) 9

(2) 7

(3) 10

(4) 12

Ans. 1

Sol.