IBPS Clerk 14-Dec-2013

General Awareness

Instructions

For the following questions answer them individually

Question 1

Derivatives Contract which gives the buyer/holder of the contract the right (but not the obligation) to buy/sell the underlying asset at a predetermined price within or at end of a specified period is known as

A   Futures Contract

B   Option Contract

C   Index Futures contract

D   Mini Derivative Contract

E   None of these

    Answer: B

Question 2

The first Yash Chopra Memorial Award has been given to

A   A.R. Rahman

B   Lata Mangeshkar

C   Amitabh Bachchan

D   Rishi Kapoor

E   Gulzar

    Answer: B

Question 3

CASA ratio of bank indicate the

A   Bank's deposits

B   Bank's Non Performing Assets

C   Bank's liabilities

D Bank's base rate

E Bank's total assets

   Answer: A

Question 4

The process by which LIC holder can transfer all rights, title and interest under a policy contract to any third person is known as

A Subrogation

B Escrow

C Mortgage

D Assignment

E Nomination

   Answer: D

Question 5

In order to promote no frills accounts as part of basic banking, the Reserve Bank of India, in August 2012, advised banks to rechristen it as

A Basic Saving Account

B Basic Deposit Account

C Basic Account

D Basic Savings Bank Deposit Account

E None of these

   Answer: D

Question 6

The UIDAI has set a target of enrolment for how many people for Aadhaar Numbers till end of 2014?

A 25 crore people

B 48 crore people

C 50 crore people

D 60 crore people

E 72 crore people

Answer: D

Question 7

Equity share is also known as

A Shareholder equity

B Stockholder's equity

C Share capital

D Net worth

E All 'of these

Answer: E

Question 8

Fixed Deposit is also referred to as

A Time Deposit

B Recurring Deposit

C Demand Deposit

D Static Deposit

E All of the above

Answer: A

Question 9

With which sports is Deepak Lathore associated'?

A Basketball

B Athletics

C Weightlifting

D Squash

E Wrestling

   Answer: C

Question 10

What is the minimum age required to become a member of the Rajya Sabha?

A 21 years

B 25 years

C 30 years

D 32 years

E 35 years

   Answer: C

Question 11

Microcredit concentrates on

A Small loans

B Women

C Rural areas

D Poor people

E All of these

   Answer: E

Question 12

Which of the following is a receipt, declaring ownership of shares of a foreign company, which can be listed in India and traded in rupees?

A ADR

B GDR

C IDR

D ED R

E None of these

    Answer: C

Question 13

NABARD Is responsible for regulating and supervising

A Securities market in India

B Bank rates of scheduled commercial banks in India

C Cooperatives

D Regional Rural Banks

E Only 3 and 4

    Answer: E

Question 14

Arrangement of bank selling insurance product acting as agent of respective companies is called

A Bancassurance

B Outsourcing

C Delegation

D Proxy Insurance

E Shadow Insurance

    Answer: A

Question 15

BCSBI aims to plan, evolve, prepare. develop, promote and publish comprehensive Codes and Standards for banks, for providing for fair treatment to their customers. Which of the following codes has been evolved by it?

A   Code of Bank's Commitment to Customers

B   Code of Bank's Commitment to Micro and Small Enterprises

C   Code of Bank's Commitment to Financial Inclusion

D   Both 1 and 2

E   Both 2 and 3

 Answer: D

Question 16

World Food Day is observed on

A   5 September

B   21 September

C   16 October

D   19 November

E   3 December

 Answer: C

Question 17

The Aclhaar-enabled payment systems (AEPS) is a bank-led model that facilitates banking facilities by allowing transactions at Point of Sale through the business correspondent (BC) using the Aadhaar authentication number. Adhaarenabled basic types of banking transactions 'do not' include

A   Balance enquiry

B   Cash withdrawal

C   Online payment

D   Cash deposit

E   Aadhaar to Aadhaar funds transfer

 Answer: C

Question 18

Which of the following is Asia's largest residential university?

A   Nalanda University

B   University of Delhi

C   Banaras Hindu University

D   Jamnia Milia Islamia

E   Jawaharlal Nehru University

Answer: C

Question 19

Which of the following banks/ ministries/bodies is the Lender of last resort in India?

A   World Bank

B   Reserve Bank of India

C   Union Ministry of Finance

D   Planning Commission

E   International Monetary Fund

Answer: B

Question 20

For expanding access to banking services, the Reserve Bank of India has advised banks to open branches with minimum infrastructure support of 8 to 10 BC units at a reasonable 3-4 km. Such branches are known as

A   White Label ATMs

B   Ultra Small Branches

C   Banking Kiosks

D   CBS Terminals

E   ICT Hubs

Answer: B

Question 21

According to the Income Tax Act of 1961, the age of Super Senior Citizens should be

A   62 years

B   70 years

C   80 years

D   88 years

E   95 years

  Answer: C

Question 22

Who has authored the book, titled 'The Lowland'?

A   Khushwant Singh

B   Vikram Seth

C   Chelan Bhagat

D   Jhumpa Lahiri

E   Jeet Thayil

  Answer: D

Question 23

Who, at present, is the Chief Election Commissioner of India?

A   V.S. Sampath

B   S.Y. Qureshi

C   Navin Chawla

D   N. Gopalaswamy

E   Achal Kumar Jyoti

Answer: E

Question 24

When Criminals use an innocent person's details to open or use an account to carry out financial transactions, it is known as

A   Money Laundering

B   Phishing

C   Identity Theft

D   Real Time gross Settlement

E   Insinuation

Answer: C

Question 25

Where is the headquarters of the United Nations Organization located?

A   Rome

B   Brussels

C   Geneva

D   New York

E   Paris

Answer: D

Question 26

As per the announcements made in Union Budget 201314, a person taking a loan for his first home from a bank or a housing finance corporation (HFC) up to Rs 25 lakh from April I. 2013 to March 2014, will be entitled to an additional deduction of interest of ,

A   Rs. 75,000

B   Rs. 1 lakh

C   Rs. 1.5 lakh

D Rs. 2 lakhs

E Rs. 2.6 lakh

Answer: B

Question 27

Where was the 8" National Conference on Krishi Vigyan Kendra 2013 held?

A Chandigarh

B Bangalore

C Kolkata

D Patna

E Jodhpur

Answer: B

Question 28

The Reserve Bank of India has made it mandatory for banks to lend at least 40per cent of their credit to select sectors such as agriculture, Micro and Small Enterprises, other weaker sections, etc. Which banks have to lend at least 40 per cent of their total net credit to priority sectors?

A Scheduled Commercial Banks

B Foreign Banks

C NABARD

D I RDA

E All of the above

Answer: A

Question 29

What is the term for a bank without any branch network that offers its services remotely?

A Virtual Bank

B Direct Bank

C   Lending Institution

D   Indirect Bank

E   Online Bank

Answer: B

Question 30

With reference to Indian Banking sector, which of the following is the most appropriate expanded form of EMI?

A   Estimated Monthly Installment

B   Extended Matching Items

C   Equated Monthly Installment.

D   Enterprise Manufacturing Intelligence

E   Easy Monthly Installment

Answer: C

Question 31

Which term is used for banking in which banking institutions execute transactions directly with consumers, rather than corporations or other banks?

A   Merchant Banking

B   Collateral Banking

C   Retail Banking

D   Bulk Banking

E   Direct Banking

Answer: C

Question 32

As per the 2011 Census, which state of India has the lowest density?

A   Mizoram

B   Jammu and Kashmir

C   Arunachal Pradesh

D   Tripura

E   Nagaland

Answer: C

Question 33

With which state of India is the Cheraw Dance associated?

A   Assam

B   Tripura

C   Meghalaya

D   Mizoram

E   Rajasthan

Answer: D

Question 34

The Direct Benefit Transfer Scheme is targeted at the people

A   Affected by Uttarakhand landslides

B   Affected by communal riots

C   Living below the poverty line

D   Suffering from acute starvation

E   Belonging to Other Backward Classes

Answer: C

Question 35

Which, among the following, is not identified as a minority community in India?

A   Buddhists

B Hinduism

C Muslims

D Zoroastrians

E Sikhs

  Answer: B

Question 36

Which of the following bodies recently expressed concern over unregistered investment advisors spread across the country and brought out the Investment Advisers Regulations 2013?

A Reserve Bank of India

B IRDA

C SEBI

D NABARD

E CII

  Answer: C

Question 37

EFTPOS (electronic funds transfer at point of sale) is based on

A .SMS Alerts

B Debit Cards

C Credit. Cards

D Both 1 and 2

E Both 2 and 3

  Answer: E

Question 38

In a circular issued by the Reserve Bank of India on 9 April 2010, Banks were advised to switch over to which system for calculation of their lending rates with effect from July 1, 2010?

A   Prime Lending Rate System

B   Base Rate System

C   Marginal Liquidity Facility System

D   Statutory Liquidity Ratio system

E   Benchmark Rate System

Answer: B

Question 39

Which Bollywood actress, in October 2013, was honoured in the House of Commons for her contribution to the global entertainment?

A   Aishwarya Rai Bachchan

B   Sharmila Tagore

C   Kareena Kapoor

D   Waheeda Rehman

E   Shabana Azmi

Answer: C

Question 40

Part of company's earning or profit which is paid out to share holders is known as

A   Premium

B   Dividend

C   Bonus

D   Sum Assured

E   Return

Answer: B

Explanation:
COMPUTER KNOWLEDGE

Reasoning

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

Seven persons — A, B, C, D, E, F and G — are standing in a straight line facing north at equal distances but not necessarily in the same order. Each of them is a dif: ferent professional viz, Actor, Reporter, Doctor, Engineer, Lawyer, Teacher and Painter but not necessarily in the same order. G is standing at the fifth position to the left of C. Reporter is standing at the third position to the right of G. F is standing at the fifth position to the right of A. E is standing second to the left of B. Engineer is standingt the second position to the left of D. Three persons are sitting between Engineer and Painter. Doctor is to the immediate left of Engineer. Lawyer is to the immediate right of teacher.

Question 41

Now many persons are there to the left of Reporter ?

A None

B One

C Two

D Three

E More than three

  Answer: E

Explanation:

First of all it is given that G is standing at the fifth position to left of C So, only the following cases are possible

_ G _ _ _ _ C

G_ _ _ _ C _

Given that reporter is standing at the third position to the right of G So, considering previous 2 cases the following cases are possible :

_ G _ _ (Rep) _ C

G _ _ (Rep) _ C _

Now F is standing at 5th position to right of A, so the following cases are possible

A G _ _ (Rep) F C

G A _ (Rep) _ C F

Now E is standing 2nd to left of B, So,

A G E _ B(Rep) F C

G A E (Rep) B C F

Engineer is standing 2nd to left of D

A G(Eng) E D B(Rep) F C

G A(Eng) E D(Rep) B C F

Doctor is to the immediate left of Engineer So,

A(Doc) G(Eng) E D B(Rep) F C

G(Doc) A(Eng) E D(Rep) B C F

Three persons are sitting between Engineer and Painter. SO,

A(Doc) G(Eng) E D B(Rep) F(Painter) C

G(Doc) A(Eng) E D(Rep) B C(Painter) F

Lawyer is to the immediate right of teacher.. So,

A(Doc) G(Eng) E(Teacher) D(Lawyer) B(Rep) F(Painter) C(Actor) - Desired Result

G(Doc) A(Eng) E D(Rep) B C(Painter) F -Not Possible in this Case

Question 42

Which of the following pairs of persons are sitting at the extreme ends ?

A   A and Actor

B   Engineer and C

C   Doctor and F

D   F and Lawyer

E   Teacher and Doctor

   Answer: A

Explanation:
First of all it is given that G is standing at the fifth position to left of C So, only the following cases are possible

_ G _ _ _ _ C

G_ _ _ _ C _

Given that reporter is standing at the third position to the right of G So, considering previous 2 cases the following cases are possible :

_ G _ _ (Rep) _ C

G _ _ (Rep) _ C _

Now F is standing at 5th position to right of A, so the following cases are possible

A G _ _ (Rep) F C

G A _ (Rep) _ C F

Now E is standing 2nd to left of B, So,

A G E _ B(Rep) F C

G A E (Rep) B C F

Engineer is standing 2nd to left of D

A G(Eng) E D B(Rep) F C

G A(Eng) E D(Rep) B C F

Doctor is to the immediate left of Engineer So,

A(Doc) G(Eng) E D B(Rep) F C

G(Doc) A(Eng) E D(Rep) B C F

Three persons are sitting between Engineer and Painter. SO,

A(Doc) G(Eng) E D B(Rep) F(Painter) C

G(Doc) A(Eng) E D(Rep) B C(Painter) F

Lawyer is to the immediate right of teacher.. So,

A(Doc) G(Eng) E(Teacher) D(Lawyer) B(Rep) F(Painter) C(Actor) - Desired Result

G(Doc) A(Eng) E D(Rep) B C(Painter) F -Not Possible in this Case

Question 43

Who among the following is sitting exactly in the middle of the row ?

A Doctor

B F

C Lawyer

D B

E Teacher

   Answer: C

Explanation:
First of all it is given that G is standing at the fifth position to left of C So, only the following cases are possible

_ G _ _ _ _ C

G_ _ _ C _

Given that reporter is standing at the third position to the right of G So, considering previous 2 cases the following cases are possible :

_ G _ _ (Rep) _ C

G _ _ (Rep) _ C _

Now F is standing at 5th position to right of A, so the following cases are possible

A G _ _ (Rep) F C

G A _ (Rep) _ C F

Now E is standing 2nd to left of B, So,

A G E _ B(Rep) F C

G A E (Rep) B C F

Engineer is standing 2nd to left of D

A G(Eng) E D B(Rep) F C

G A(Eng) E D(Rep) B C F

Doctor is to the immediate left of Engineer So,

A(Doc) G(Eng) E D B(Rep) F C

G(Doc) A(Eng) E D(Rep) B C F

Three persons are sitting between Engineer and Painter. SO,

A(Doc) G(Eng) E D B(Rep) F(Painter) C

G(Doc) A(Eng) E D(Rep) B C(Painter) F

Lawyer is to the immediate right of teacher.. So,

A(Doc) G(Eng) E(Teacher) D(Lawyer) B(Rep) F(Painter) C(Actor) - Desired Result

G(Doc) A(Eng) E D(Rep) B C(Painter) F -Not Possible in this Case

Question 44

Who among the following is sitting second to the right of Teacher ?

A Painter

B B

C A

D Actor

E Lawyer

   Answer: B

Explanation:

First of all it is given that G is standing at the fifth position to left of C So, only the following cases are possible

_ G _ _ _ C

G_ _ _ _ C _

Given that reporter is standing at the third position to the right of G So, considering previous 2 cases the following cases are possible :

_ G _ _ (Rep) _ C

G _ _ (Rep) _ C _

Now F is standing at 5th position to right of A, so the following cases are possible

A G _ _ (Rep) F C

G A _ (Rep) _ C F

Now E is standing 2nd to left of B, So,

A G E _ B(Rep) F C

G A E (Rep) B C F

Engineer is standing 2nd to left of D

A G(Eng) E D B(Rep) F C

G A(Eng) E D(Rep) B C F

Doctor is to the immediate left of Engineer So,

A(Doc) G(Eng) E D B(Rep) F C

G(Doc) A(Eng) E D(Rep) B C F

Three persons are sitting between Engineer and Painter. SO,

A(Doc) G(Eng) E D B(Rep) F(Painter) C

G(Doc) A(Eng) E D(Rep) B C(Painter) F

Lawyer is to the immediate right of teacher.. So,

A(Doc) G(Eng) E(Teacher) D(Lawyer) B(Rep) F(Painter) C(Actor) - Desired Result

G(Doc) A(Eng) E D(Rep) B C(Painter) F -Not Possible in this Case

Question 45

Who among the following are the immediate neighbours of Painter ?

A   Actor and Teacher

B B and Lawyer

C B and Engineer

D Reporter and C

E Doctor and Lawyer

   Answer: D

Explanation:
First of all it is given that G is standing at the fifth position to left of C So, only the following cases are possible

_ G _ _ _ _ C

G_ _ _ _ C _

Given that reporter is standing at the third position to the right of G So, considering previous 2 cases the following cases are possible :

_ G _ _ (Rep) _ C

G _ _ (Rep) _ C _

Now F is standing at 5th position to right of A, so the following cases are possible

A G _ _ (Rep) F C

G A _ (Rep) _ C F

Now E is standing 2nd to left of B, So,

A G E _ B(Rep) F C

G A E (Rep) B C F

Engineer is standing 2nd to left of D

A G(Eng) E D B(Rep) F C

G A(Eng) E D(Rep) B C F

Doctor is to the immediate left of Engineer So,

A(Doc) G(Eng) E D B(Rep) F C

G(Doc) A(Eng) E D(Rep) B C F

Three persons are sitting between Engineer and Painter. SO,

A(Doc) G(Eng) E D B(Rep) F(Painter) C

G(Doc) A(Eng) E D(Rep) B C(Painter) F

Lawyer is to the immediate right of teacher.. So,

A(Doc) G(Eng) E(Teacher) D(Lawyer) B(Rep) F(Painter) C(Actor) - Desired Result

G(Doc) A(Eng) E D(Rep) B C(Painter) F -Not Possible in this Case

Instructions

Study the following information carefully and answer the
questions given below : Point A is 11 metre to the north of point B. Point C is 11 metre to the east of point B. Point D is 5 metre to the north of point C. Point E is 7 metre to the west of the point D. Point F is 9 metre to the north of point E. Point G is 4 metre to the west of point F.

Question 46

Point. D Is in which direction with respect to point F ?

A   North-East

B   South-East

C   South

D   North-West

E   East

   Answer: B

Explanation:

E is 7m to the west of D.

F is 9m to the north of point E. As G is 4m to the west of F.

=> G, A and B are collinear in that order and the distance bewteen G and is 3m.

Based on the above conditions, The points after plotted on a graph will be :

The numbers in the brackets are the distances between two points.
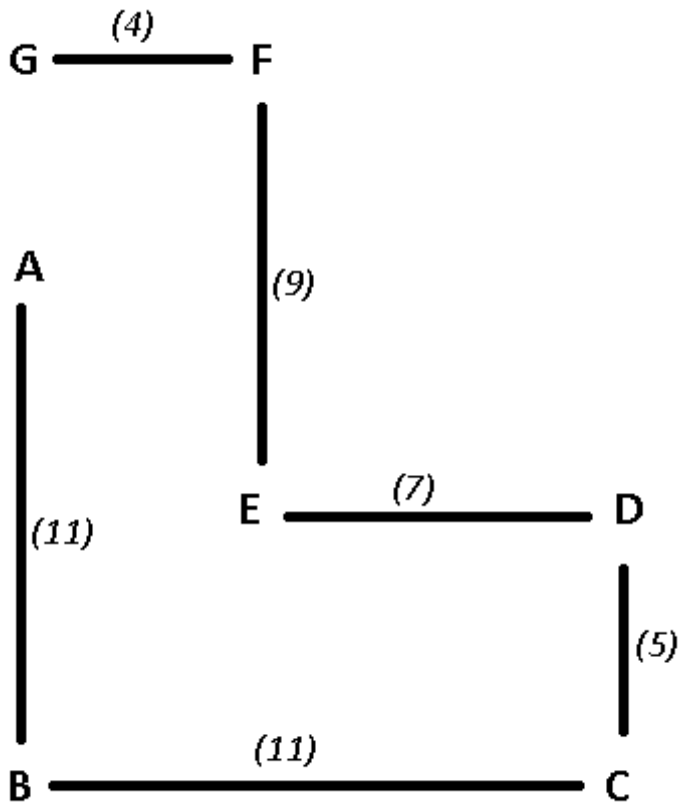
Point D is in south-east direction with respect to point F.

Thus, Ans - (B)

Question 47

Which of the following three points lie in a straight line ?

A A, E and D

B F, E and C

C G. F and B

D G. A and B

E None of these.

   Answer: D

Explanation:
E is 7m to the west of D.

F is 9m to the north of point E. As G is 4m to the west of F.

=> G, A and B are collinear in that order and the distance bewteen G and is 3m.

Based on the above conditions, The points after plotted on a graph will be :

The numbers in the brackets are the distances between two points.
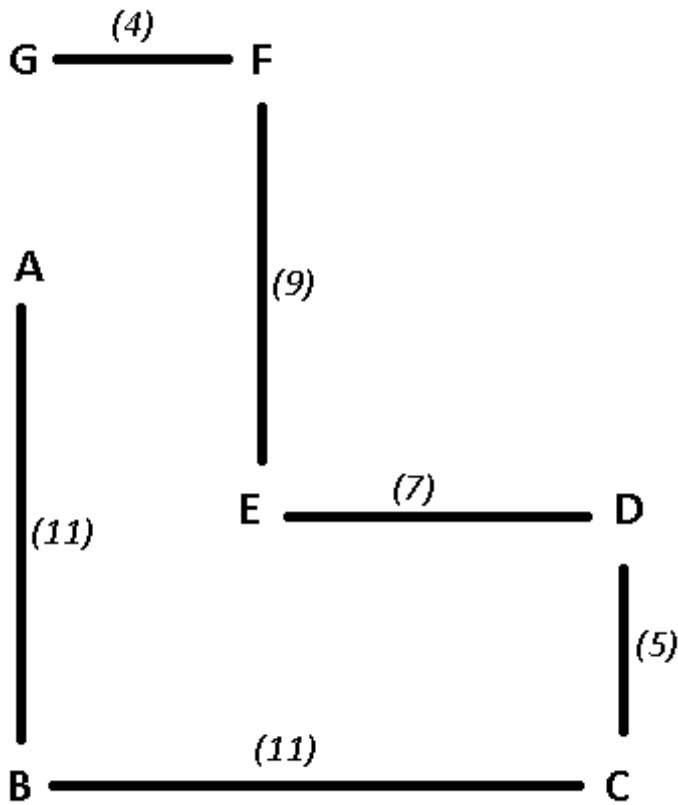
Clearly, G, A and B are collinear i.e. lie on a straight line.

Thus, Ans - (D)

Instructions

Study the following information carefully and answer the
questions given below Among six persons — K. L. M, N, 0 and P— each lives on a different floor of a building having six floors numbered one to six (the ground floor is numbered 1, the floor above it is numbered 2 and so on and the topmost flour is numbered 6). L lives on an even numbered floor. L lives on a floor immediately below K's floor and immediately above M's floor. P lives on a floor immediately above N's floor. P lives on an even numbered floor. 0 does not live on floor number 4.

Question 48

Who amongst the following live on the floors exactly between K and P?

A 0 and L

B I, and N

C L and M

D M and N

E M and 0

Answer: C

Explanation:
Let the floors be :

6

5

4

3

2

1

It is given that L lives on an even numbered floor, so possible cases are:

6 - L

5

4

3

2

1

OR

6

5

4-L

3

2

1

OR

6

5

4

3

2-L

1

Now, L lives on a floor immediately below K's floor and immediately above M's floor, So out of the above three only last two cases are possible. i.e

6

5-K

4-L

3-M

2

1

OR

6

5

4

3-K

2-L

1-M

Now, P lives on a floor immediately above N's floor. P lives on an even numbered floor. So possible case is

6

5-K

4-L

3-M

2-P

1-N

OR

6-P

5-N

4

3-K

2-L

1-M

It is given that O does not live on floor 4, So,the answer is

6-O

5-K

4-L

3-M

2-P

1-N

Question 49

On which floor does 0 live ?

A 6th

B 2nd

C 3rd

D 5th

E Cannot be determined

Answer: A

Explanation:
Let the floors be :

6

5

4

3

2

1

It is given that L lives on an even numbered floor, so possible cases are:

6 - L

5

4

3

2

1

OR

6

5

4-L

3

2

1

OR

6

5

4

3

2-L

1

Now, L lives on a floor immediately below K's floor and immediately above M's floor, So out of the above three only last two cases are possible. i.e

6

5-K

4-L

3-M

2

1

OR

6

5

4

3-K

2-L

1-M

Now, P lives on a floor immediately above N's floor. P lives on an even numbered floor. So possible case is

6

5-K

4-L

3-M

2-P

1-N

OR

6-P

5-N

4

3-K

2-L

1-M

It is given that O does not live on floor 4, So,the answer is

6-O

5-K

4-L

3-M

2-P

1-N

Question 50

Who amongst the following does live on 5th floor ?

A 0

B M

C N

D K

E Cannot be determined

Answer: D

Explanation:
Let the floors be :

6

5

4

3

2

1

It is given that L lives on an even numbered floor, so possible cases are:

6 - L

5

4

3

2

1

OR

6

5

4-L

3

2

1

OR

6

5

4

3

2-L

1

Now, L lives on a floor immediately below K's floor and immediately above M's floor, So out of the above three only last two cases are possible. i.e

6

5-K

4-L

3-M

2

1

OR

6

5

4

3-K

2-L

1-M

Now, P lives on a floor immediately above N's floor. P lives on an even numbered floor. So possible case is

6

5-K

4-L

3-M

2-P

1-N

OR

6-P

5-N

4

3-K

2-L

1-M

It is given that O does not live on floor 4, So,the answer is

6-O

5-K

4-L

3-M

2-P

1-N

Instructions

Each of the questions below consists of a question and two
statements numbered 1 and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and—

a: if the data in statement **I alone** are sufficient to answer the question, while the data in statement **II alone** are not sufficient to answer the question.
b: if the data in statement II alone are sufficient to answer the question. while the dam in statement I alone are not sufficient to answer the question.
c: if the data **either** in statement I alone or in statement II alone are sufficient to answer the question.
d: if the data given in both the statements 1 and 11 together are not sufficient to answer the question, and
e: if the data in both the statements I and II together are necessary to answer the question.

Question 51

Is D the mother of S ?
I. L is the husband of D. L has only three children.
II.N is the brother of S and P. P is the daughter of L

A   if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

B   if the data in statement II alone are sufficient to answer the question. while the dam in statement I alone are not sufficient to answer the question.

C if the data either in statement I alone or in statement II alone are sufficient to answer the question.

D if the data given in both the statements I and II together are not sufficient to answer the question

E if the data in both the statements I and II together are necessary to answer the question.

Answer: E

Explanation:

Clearly, I alone and II alone are not sufficient since there is no data about S and D in I & II respectively.

I & II : L is the husband of D, => D is female and they have 3 children.

Since P is the daughter of L and N is the brother of S and P

∴ N, S and P are siblings and are children of L and D.

Thus, D is the mother of S.

Thus, I & II together are sufficient.

Question 52

How many students are there in the class ?
I. There are more than 20 but less than 27 students in the class.
II. There are more than 24 but less than 31 students in the class. When the students are divided into groups, each group contains five students.

A if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

B if the data in statement II alone are sufficient to answer the question. while the dam in statement I alone are not sufficient to answer the question.

C if the data either in statement I alone or in statement II alone are sufficient to answer the question.

D if the data given in both the statements I and II together are not sufficient to answer the question.

E if the data in both the statements I and II together are necessary to answer the question.

Answer: E

Explanation:

I : No. of students can be = 21,22,23,24,25,26

Thus, I alone is **not** sufficient.

II : No. of students is multiple of 5 and is between 24 and 31

=> No. of students = 25,30

Thus, II alone is **not** sufficient.

I & II : From above two conclusions, only common number is 25

=> No. of students = 25

Thus, I & II together are sufficient.

Question 53

Among J. K. L, M and N, each has different height. Who amongst them is the second tallest ?
I. N is taller than M and K. K is shorter than M.
II. L is taller than N. J is not the tallest.

A if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

B if the data in statement II alone are sufficient to answer the question. while the dam in statement I alone are not sufficient to answer the question.

C if the data either in statement I alone or in statement II alone are sufficient to answer the question.

D if the data given in both the statements I and II together are not sufficient to answer the question

E if the data in both the statements I and II together are necessary to answer the question.

Answer: D

Explanation:
Since, there is no information about all people in each statement. Thus, each statement alone is insufficient.

I & II : From 1, we get : N > M > K

From 2, we get : L > N

Combining the above two conditions, we get : L > N > M > K.

It is known that J is not the tallest. Thus, J can take any position between L & N or N & M or N& K.

Thus, we cannot determine the 2nd tallest person.

Thus, I & II together are not sufficient.

Question 54

Five persons - A, B, C, D and E- are sitting in a circle facing the centre. Who is sitting to the immediate left of D?
I. C is sitting second to the left of A. B and D are immediate neighbours of each other.
II. D is sitting to the immedi ate left of B. E is not an immediate neighbour of D and B.

A if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

B if the data in statement II alone are sufficient to answer the question. while the dam in statement I alone are not sufficient to answer the question.

C if the data either in statement I alone or in statement II alone are sufficient to answer the question.

D if the data given in both the statements I and II together are not sufficient to answer the question

E if the data in both the statements I and II together are necessary to answer the question.

Answer: E

Explanation:
I : C is sitting second to the left of A. B and D are immediate neighbours of each other.
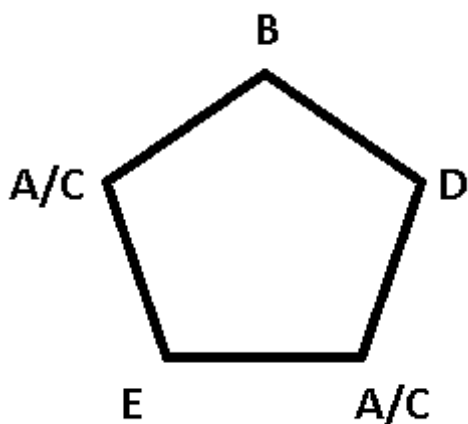
The arrangement will be :
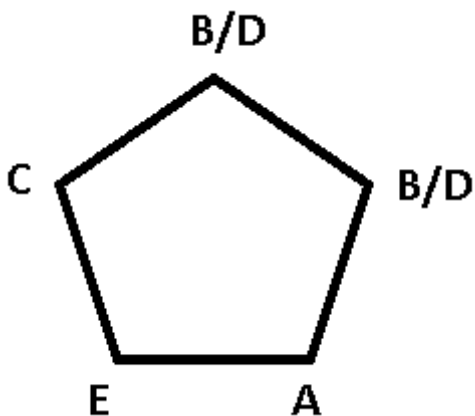
Since, we can't find the specific position of D, we cannot find who's sitting left of him.

Thus, I alone is insufficient.

II : D is sitting to the immedi ate left of B. E is not an immediate neighbour of D and B
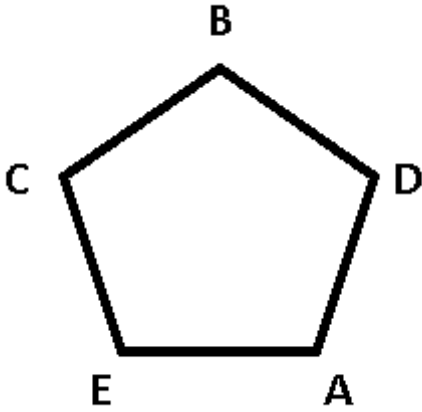
The arrangement will be :

Either A or C is sitting to the immediate left of D.

Thus, II alone is insufficient.

I & II : Combining the above two, we get the arrangement :

Thus, A is sitting to the immediate left of D.

Thus, I & II together are sufficient.

Question 55

How is 'cost' written in a code language ?
I. 'tell me the cost' is written as '@ 0 # 9' and 'cost was very high' is written as '& 6 # 1' in that code language.
II. some cost was discount' is written as '1 8 7 #' and some people like discount' is written as '8 7 5 9,6' in that code language.

A   if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

B   if the data in statement II alone are sufficient to answer the question. while the dam in statement I alone are not sufficient to answer the question.

C   if the data either in statement I alone or in statement II alone are sufficient to answer the question.

D   if the data given in both the statements I and II together are not sufficient to answer the question

E   if the data in both the statements I and II together are necessary to answer the question.

   Answer: A

Explanation:
I : The common word is cost.

    => Cost is coded as '#'.

Thus, I alone is sufficient.

II : The common word is discount coded as '7', thus we can't find the code of cost.

Thus, II alone is not sufficient.

Instructions

In these questions, relationship between different elements
is shown in the statements. These statements are followed by two conclusions. Mark if answer
a:Only conclusion I follows.
b: Only conclusion II follows.

c: Either conclusion I or II follows.
d: Neither conclusion I nor II follows.
e: Both conclusions and II follow.

Question 56

Statements
K > I ≥ T ≥ E ;
O < R < K
Conclusions
I. R < E
II. O < T

A Only conclusion I follows.

B Only conclusion II follows.

C Either conclusion I or II follows.

D Neither conclusion I nor II follows.

E Both conclusions and II follow.

 Answer: D

Explanation:
Statements :

K > I ≥ T ≥ E and K > R > O

Conclusions :

R < E [not true]

O < T [not true]

Thus, neither of the conclusions are true.

Question 57

Statements
B > A > S < I > C > L < Y
Conclusions
I. B > L
II. A > Y

A Only conclusion I follows.

B Only conclusion II follows.

C Either conclusion I or II follows.

D Neither conclusion I nor II follows.

E Both conclusions and II follow.

   Answer: D

Explanation:
Statements :

B > A > S and I > S and I > C > L and Y > L

Conclusions :

B > L [not true]

A > Y [not true]

Thus, neither of the conclusions are true.

Question 58

Statements
C < L < O = U = D ≥ S > Y
Conclusions
I. O > Y
II. C < D

A Only conclusion I follows.

B Only conclusion II follows.

C Either conclusion I or II follows.

D Neither conclusion I nor II follows.

E Both conclusions and II follow.

   Answer: E

Explanation:
Statements :

O = U = D ≥ S > Y and O = U = D > L > C

Conclusions :

O > Y [true]

C < D [true]

Thus, both the conclusions are true.

Question 59

Statements
I. B > R > E > A > K;
II. H > A > S

Conclusions
I. H > K
II. S<R

A Only conclusion I follows.

B Only conclusion II follows.

C Either conclusion I or II follows.

D Neither conclusion I nor II follows.

E Both conclusions I and II follow.

   Answer: E

Explanation:

H is greater than A which in turn is greater than K. Hence, H is greater than K.

Conclusion 1 is correct.

S is less than A which in turn is less than R.

Hence, S is less than R.

Conclusion 2 is also correct. Both the conclusions 1 and 2 are correct. Hence, option E is the right answer.

Question 60

Statements
J = A ; C ≥ K ≥ S ≥ A
Conclusions
I. C > J
II. C = J

A Only conclusion I follows.

B Only conclusion II follows.

C Either conclusion I or II follows.

D Neither conclusion I nor II follows.

E Both conclusions and II follow.

   Answer: C

Explanation:
Combining the above statements, we get :

$C \geq K \geq S \geq A = J$

   $=> C \geq J$

Conclusions :

Thus, either $C > J$ or $C = J$

Either conclusion I or II is true.

Instructions

In each of the questions/set of questions below are given two statements followed by two conclusions numbered I and II. You have to assume everything in the statements to be true even if they seem to be at variance from commonly known facts and then decide which of the two given conclusions logically follows from the information given in the statement.
a: if only conclusion I follows.
b: if only conclusion II follows.
c: if either conclusion I or conclusion II follows.
d: it neither conclusion I nor conclusion II follows.
e: if both conclusions I and 11 follow.

Question 61

Statements
All alphabets are numbers.
Some alphabets are digits.
Conclusions

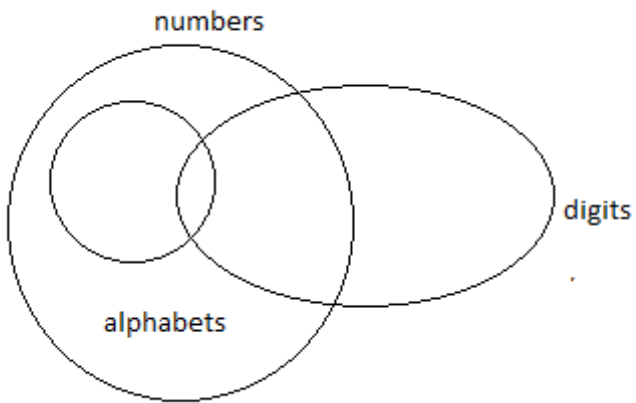**I. At least some digits are numbers.**
II. No digit is a number.

A if only conclusion I follows.

B if only conclusion II follows.

C if either conclusion I or conclusion II follows.

D it neither conclusion I nor conclusion II follows.

E if both conclusions I and 11 follow.

   Answer: A

Explanation:
from the above statements we can draw the following venn diagram

and hence only conclusion 1 can be concluded

Question 62

Statements
Some squares are circles.
Some circles are rectangles.
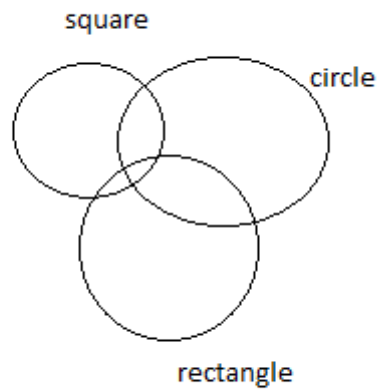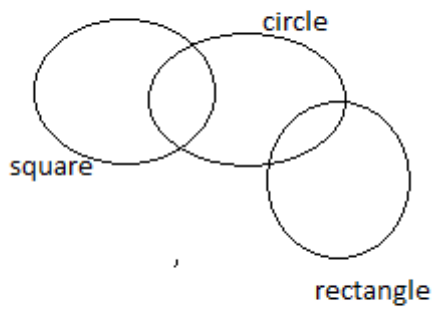**Conclusions**
I. At least some rectangles an squares.
II. No rectangle is a square.

A if only conclusion I follows.

B if only conclusion II follows.

C if either conclusion I or conclusion II follows.

D it neither conclusion I nor conclusion II follows.

E if both conclusions I and 11 follow.

   Answer: C

Explanation:
following venn can be drawn based on above statements

so either of the given conclusion will be true

Question 63

Statements
No office is a palace.
All colleges are places.
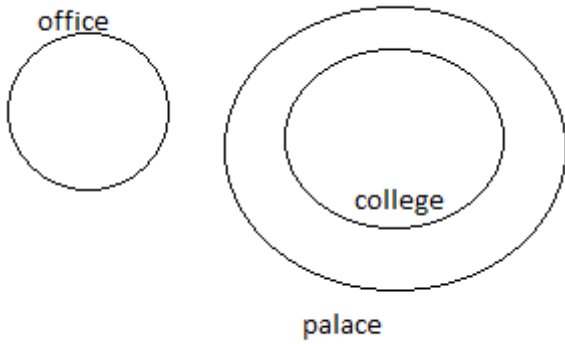**Conclusions**
I. All palaces are colleges.
II.No college is an office.

A   if only conclusion I follows.

B   if only conclusion II follows.

C   if either conclusion I or conclusion II follows.

D   it neither conclusion I nor conclusion II follows.

E   if both conclusions I and 11 follow.

   Answer: B

Explanation:
following venn can be drawn from the above statement

so only conclusion 2 is true

Question 64

Statements
All mountains are rivers.
All rivers are lakes.
Conclusions
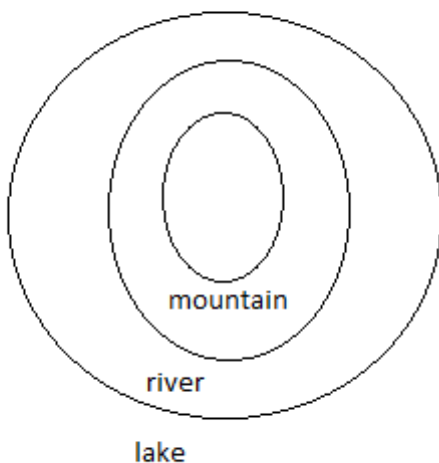**I. All mountains are lakes.**
II. At least some lakes are rivers.

A   if only conclusion I follows.

B   if only conclusion II follows.

C   if either conclusion I or conclusion II follows.

D   it neither conclusion I nor conclusion II follows.

E   if both conclusions I and 11 follow.

   Answer: E

Explanation:
following venn can be drawn from the above statements

and hence both conclusion can be concluded

Question 65

Statements
Some wins are losses.
All trophies are losses.
Conclusions
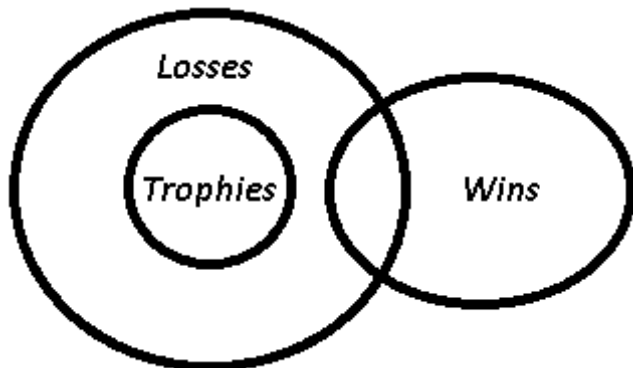**I. All trophies are wins.**
II. All losses are trophies.

A if only conclusion I follows.

B if only conclusion II follows.

C if either conclusion I or conclusion II follows.

D it neither conclusion I nor conclusion II follows.

E if both conclusions I and 11 follow.

Answer: D

Explanation:
The venn diagram for above statements is :

Conclusions

I. All trophies are wins = false
II. All losses are trophies = false

Thus, neither conclusion I nor conclusion II follows.

=> Ans - (D)

Instructions

Study If following information carefully an answer the
questions given below
In a certain code language
'very large risk associated' written as 'nu ta ro gi'
'risk is very low' is written 'gi se nu mi'

'is that also associated' is written as 'ta mi po fu'

Inherent risk also damagin is written as 'fu nu di yu'.

Question 66

Which of the following is it code of 'damaging"?

A   di

B   yu

C   nu

D   either di or yu

E   None of these

   Answer: D

Explanation:

From conditions I & IV, the only common word is 'risk' coded as 'nu'

From III & IV, there is only one common word, i.e., 'also' - tu

   => From IV, there are still two words left, 'inherent' & 'damaging' either coded as 'di' or 'yu'

Thus, damaging is either coded as 'di' or 'yu'.

Question 67

Which of the following may represent 'risk is very large' ?

A   gi mi nu ro

B   nu gi ta se

C   nu ro se yu

D   ro gi di nu

E   None of these

   Answer: A

Explanation:

From conditions I & IV, the only common word 'risk' - **nu**

   => From I & II, the code for 'very' - **gi**

   => From I, there are still two words left 'large' & 'associated' either coded as 'to' or 'ro'

   => Code for 'large' - **to / ro**

From II & III, we get the code for 'is' - **mi**

   => risk is very large - gi mi nu ro

Question 68

Which of the following is the code of 'associated' ?

A   nu

B   po

C   ta

D   fu

E   gi

  Answer: C

Explanation:
From statements 1 and 3, we can see that 'associated' is the only common word and 'ta' is the only common code. Hence, 'associated' must have been representedby 'ta'.

Option C is the right answer.

Question 69

What would be the code for 'inherent large risk' ?

A   yu ro nu

B   di ro nu

C   yu fu ro

D   di to se

E   Cannot be determined

  Answer: E

Explanation:
From conditions I & IV, the only common word 'risk' - **nu**

   => From conditions I & II, code for 'very' - gi

   Now, from I, code for 'large' - **ro**

From conditions III & IV, the only common word is 'also' - tu

   Now, from IV, there are two words left 'inherent' & 'damaging' coded as either 'di' or 'yu'

Thus, inherent can be coded as **'di'** or **'yu'**

   => Code for inherent large risk is either the combination of 'nu ro di' or 'nu ro yu'.

Since, both of these are present in the given options. Thus, the code cannot be determined.

Question 70

Which of the following may represent low risk associated industry' ?

A ta nu gi ro

B ta hi nu se

C mi ta se fu

D di gi ta po

E po gi se di

Answer: B

Explanation:
'ta' represents associated (from statements 1 and 3) and 'nu' represents 'risk' (From statements 1,2 and 4). 'low' is represented by 'se' (Using statements 1,2 and 3- by eliminating 'is' and 'very'). Since the term 'industry' has not been used in the sentences, the code for it must be something that has not been used still now.

Option B suits the condition. Hence, option B is the right answer.

Instructions

Study the following information carefully answer the questions given below :
C E B A C D B C D A C E D E D C A B A D A C E D U B A N B D

Question 71

How many such Ds are there in the above arrangement each of which is immediately preceded by a consonant and also immediately followed by a vowel ?

A None

B One

C Two

D Three

E More than three

Answer: B

Explanation:
We need to find the number of **D's** immediately preceded by a consonant and immediately followed by a vowel.

=> (consonant) D (vowel)

There is only one such 'D' i.e. 9th from the left end (CDA).

Ans - (B)

Question 72

How many Ds are there in the above arrangement ?

A   Four

B   Three

C   Five

D   Seven

E   Six

   Answer: D

Explanation:
There are 7 D's in the above arrangement.

Ans - (D)

Question 73

If all the Bs are deleted from the above arrangement, which of the following will be eleventh from the left end ?

A   D

B   C

C   E

D   A

E   None of these

   Answer: A

Explanation:
If all the B's are removed from the above arrangement, the new arrangement will be :

C E A C D C D A C E D E D C A A D A C E D U A N D

11th word from left end = D

Question 74

How many such As are there in the above arrangement each of which is immediately preceded by B and also immediately followed by a consonant ?

A   None

B One

C Two

D Three

E More than three

   Answer: D

Explanation:

We need to find the number of A's immediately preceded by B and immediately followed by a consonant.

   => B A (consonant)

There are 3 such A's i.e. BAC, BAD, BAN.

Question 75

Which of the following is ninth to the right of the 22nd from the right end of the above arrangement ?

A A

B C

C B

D D

E E

   Answer: C

Explanation:

22nd letter from the right end = D [CDA]

9th letter to the right of D = B

Instructions

Study the following information carefully and answer the questions given below
Eight people — S. T, U, V, W. X, Y and Z – are sitting around a circle but not necessarily in the same order. Two of them S and T are facing towards the centre while other people are facing towards the outside. Y sits second to the left of W. S sits second to the left of Y. Only one person sits between S and Z. T sits to the immediate right of S. T is not an immediate neighbour of Y. V is not an immediate neighbour of Y. Both the immediate neighbours of X face towards the outside.
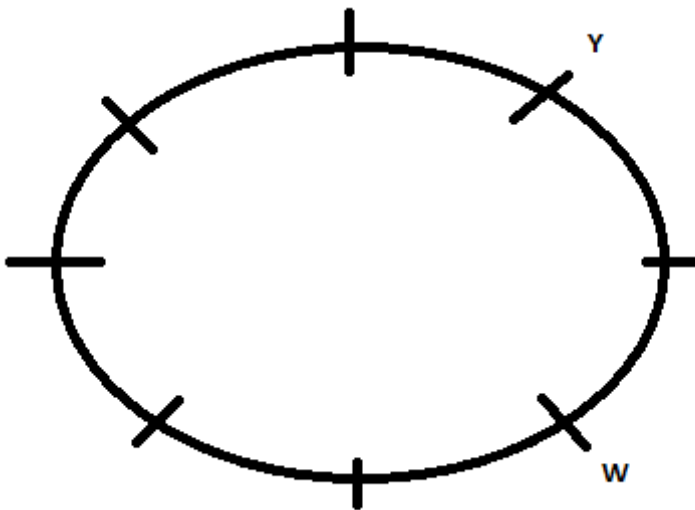
Question 76

What is the position of X with respect to S ?

A   Third to the right

B   Fourth to the left

C   Third to the left

D   Fourth to the right

E   Second to the right
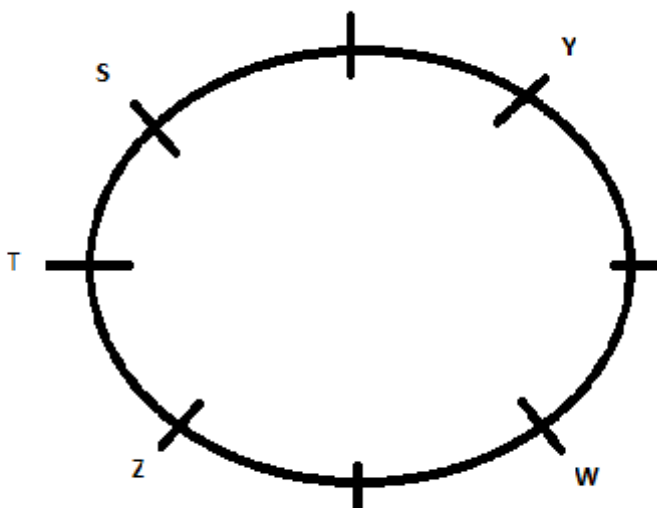
   Answer: C

Explanation:
Given that S and T are facing towards the center while other people are facing towards the outside and Y sits second to the left of W. So the possible arrangement is :

Now it is given that S sits second to the left of Y. Only one person sits between S and Z. T sits to the immediate right of S.So the possible arrangement is

:

Now , it is given that T is not an immediate neighbor of Y. V is not an immediate neighbor of Y. Both the immediate neighbors of X face towards the outside. So the possible outcome is

S and T are facing inwards and all other are facing outside

Question 77

Who sits to the immediate left of Z ?

A T

B W

C S

D X

E V

Answer: E

Explanation:
Given that S and T are facing towards the center while other people are facing towards the outside and Y sits second to the left of W. So the possible arrangement is :
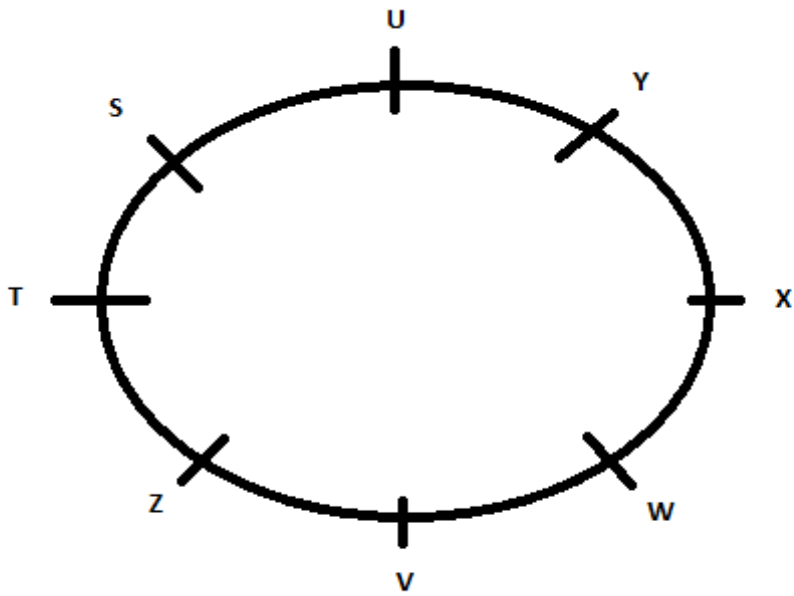
Now it is given that S sits second to the left of Y. Only one person sits between S and Z. T sits to the immediate right of S.So the possible arrangement is

:

Now , it is given that T is not an immediate neighbor of Y. V is not an immediate neighbor of Y. Both the immediate neighbors of X face towards the outside. So the possible outcome is

S and T are facing inwards and all other are facing outside
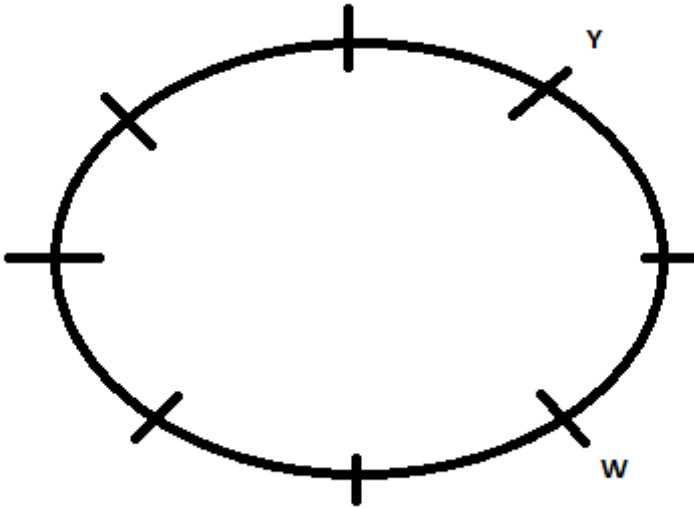
Question 78

Which of the following pairs represents the immediate neighbours of W ?

A V and X

B V and Z

C X and Y
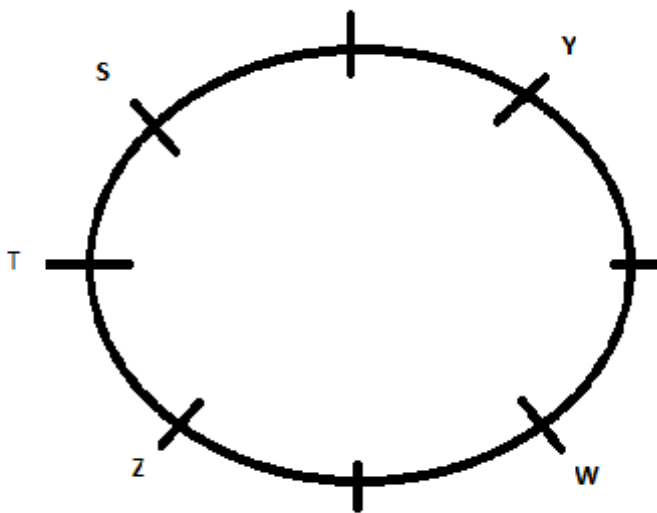
D Z and T

E S and U

   Answer: A

Explanation:
Given that S and T are facing towards the center while other people are facing towards the outside and Y sits second to the left of W. So the possible arrangement is :
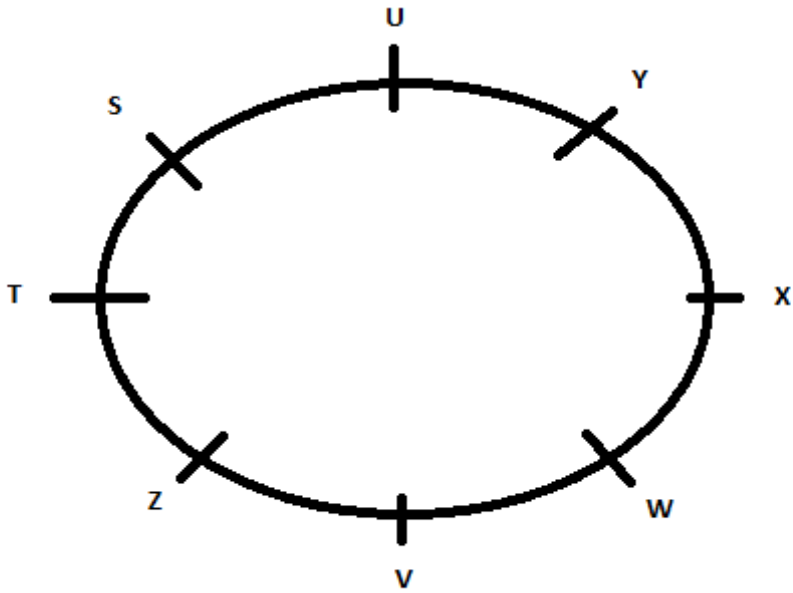
Now it is given that S sits second to the left of Y. Only one person sits between S and Z. T sits to the immediate right of S.So the possible arrangement is

:

Now , it is given that T is not an immediate neighbor of Y. V is not an immediate neighbor of Y. Both the immediate neighbors of X face towards the outside. So the possible outcome is

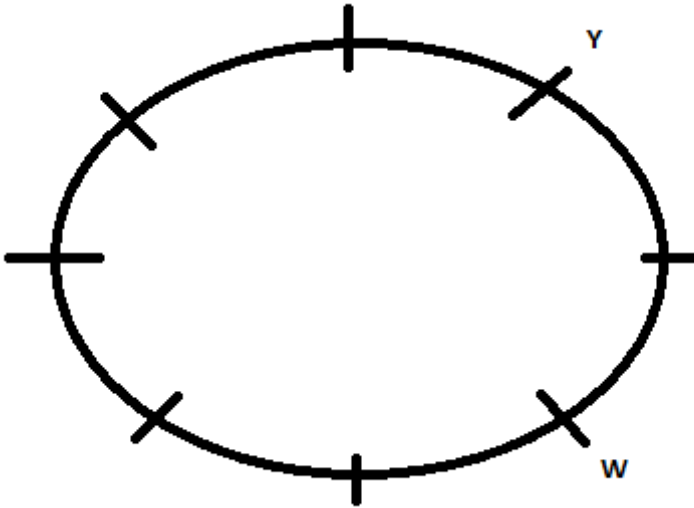S and T are facing inwards and all other are facing outside

Question 79

What is the position of U with respect to W ?

A Second to the left

B Fifth to the right

C Sixth to the left

D Third to the right

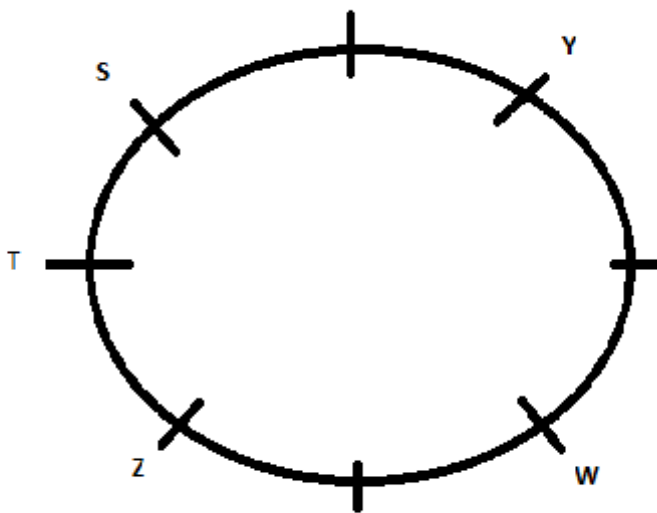**E** Fifth to the left

   Answer: B

Explanation:
Given that S and T are facing towards the center while other people are facing towards the outside and Y sits second to the left of W. So the possible arrangement is :

Now it is given that S sits second to the left of Y. Only one person sits between S and Z. T sits to the immediate right of S.So the possible arrangement is

:
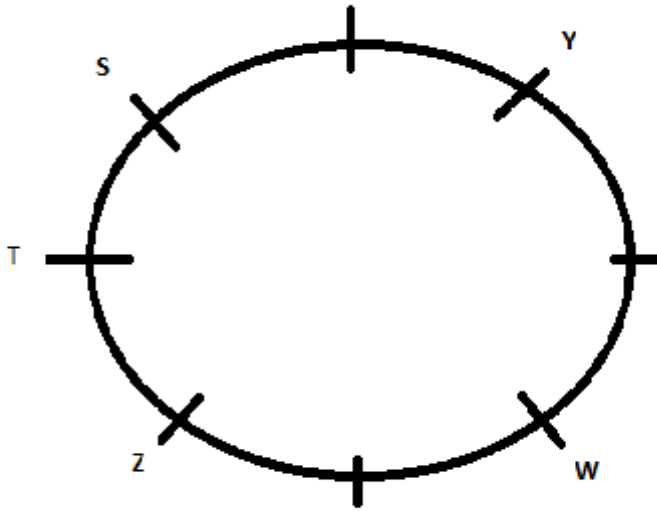
Now , it is given that T is not an immediate neighbor of Y. V is not an immediate neighbor of Y. Both the immediate neighbors of X face towards the outside. So the possible outcome is
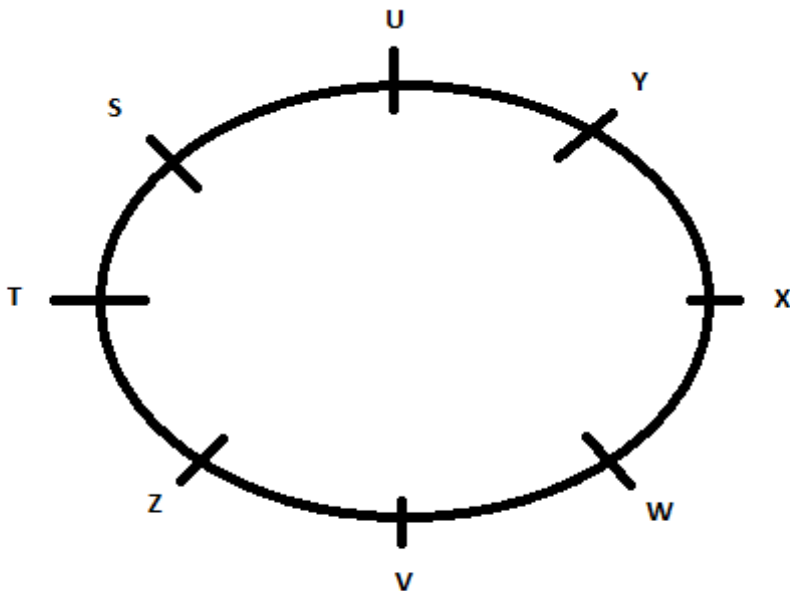
S and T are facing inwards and all other are facing outside

Question 80

How many people sit between U and V ?

A Two

B Four

C   One

D   Three

E   Five

Answer: D

Explanation:
Given that S and T are facing towards the center while other people are facing towards the outside and Y sits second to the left of W. So the possible arrangement is :
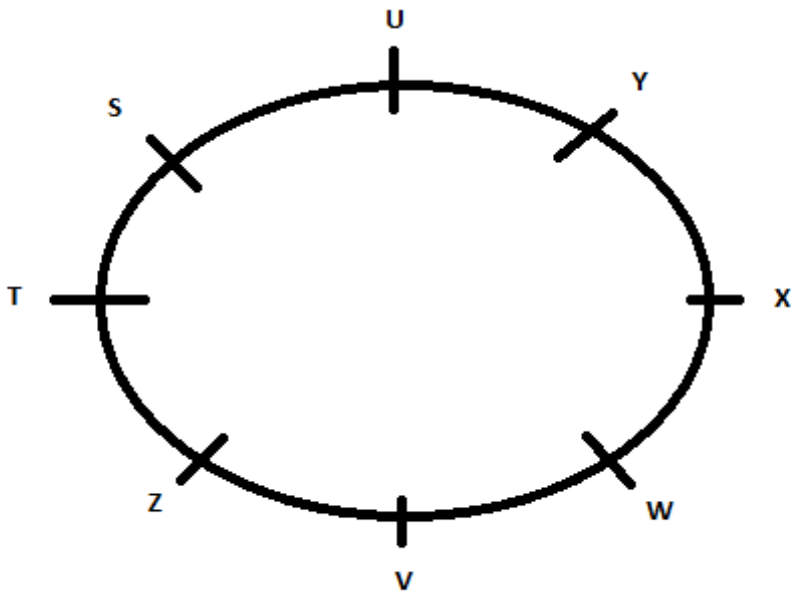

Now it is given that S sits second to the left of Y. Only one person sits between S and Z. T sits to the immediate right of S.So the possible arrangement is

:
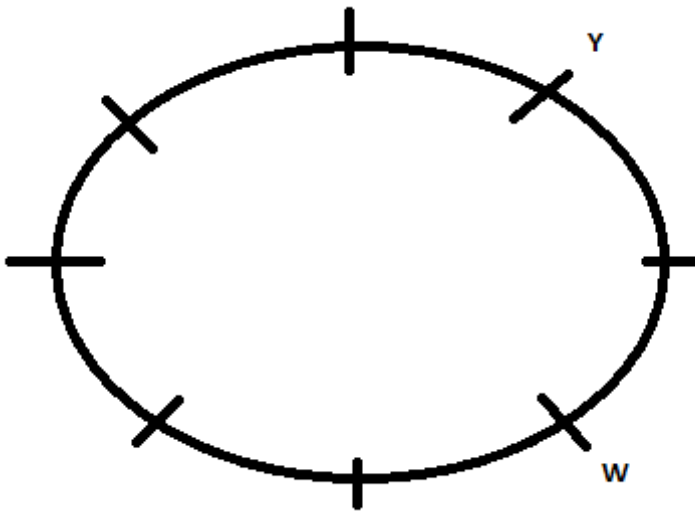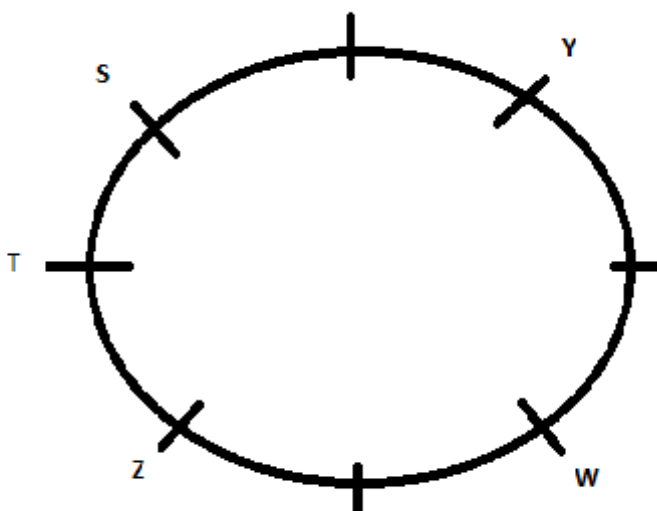
Now , it is given that T is not an immediate neighbor of Y. V is not an immediate neighbor of Y. Both the immediate neighbors of X face towards the outside. So the possible outcome is
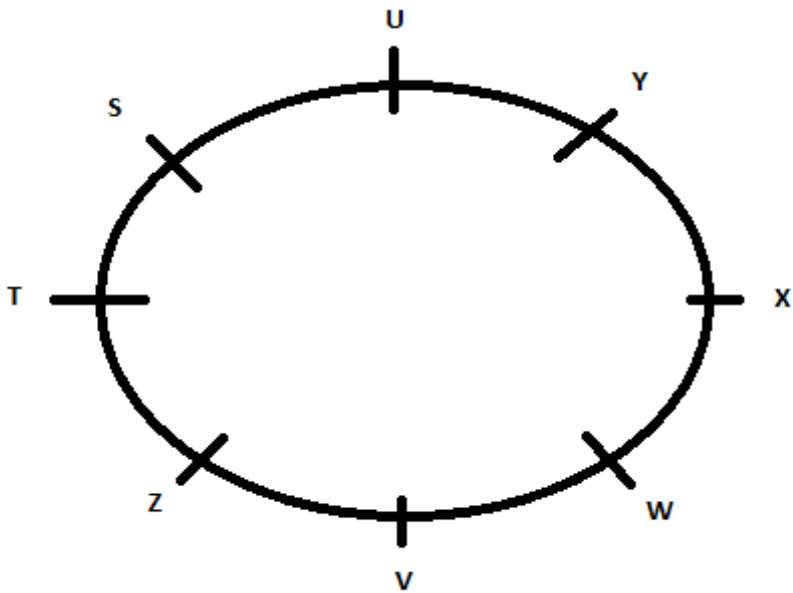
S and T are facing inwards and all other are facing outside

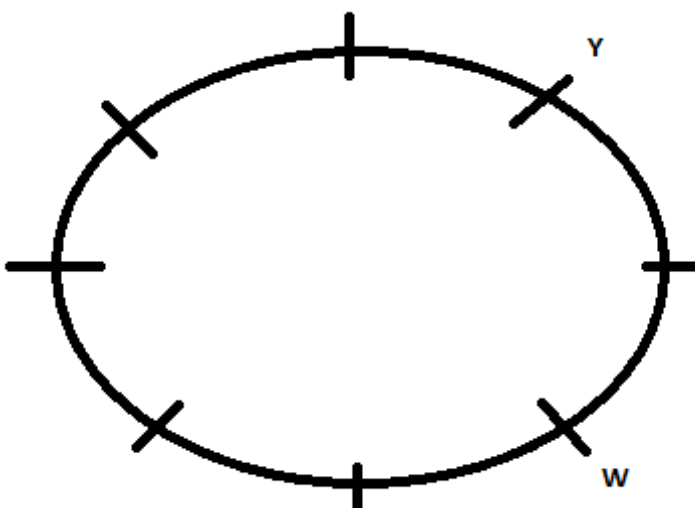# Computer Knowledge

Instructions

For the following questions answer them individually

Question 81

The advantage of a LAN is

A   Sharing peripherals

B   Backing up your data

C   Saving all your data

D   Accessing the Web

E   Automatic printing of data

   Answer: A

Question 82

Of the 5 words listed below, which one is the odd one out ?

A   Applications

B Peripherals

C Programs

D Software

E Operating System

   Answer: B

Question 83

What type of device is a computer printer ?

A Input

B Input/Output

C Software

D Storage

E Output

   Answer: E

Question 84

What is the biggest number you can get with 8 bits ?

A 256

B 128

C 1000

D 255

E 1024

   Answer: D

Question 85

What type of device is a digital camera ?

A Input

B Output

C Software

D Storage

E Input/Output

   Answer: A

Question 86

Which of the following do mains is used by for-profit businesses?

A .com

B .cdu

C .mil

D .net

E .org

   Answer: A

Question 87

WAN stands for

A Wired Area Network

B Wide Area Network

C Wide Array Net

D Wireless Area Network

E Wanted Area Network

   Answer: B

Question 88

What are lists of programs waiting to be run called ?

A Shells

B The background

C Queues

D Page frames

E Lists

   Answer: C

Question 89

An example of peripheral equipment is the -

A printer

B CPU

C spreadsheet

D microcomputer

E ALU

   Answer: A

Question 90

Which of the following commercial software products are examples of operating system software and application software, respectively ?

A Microsoft Windows XP and Microsoft Word

B Microsoft Office XP and Microsoft Windows XP

C MS DOS and Microsoft Windows XP

D UNIX and LINUX

E UNIX and Java

   Answer: A

Question 91

…………..are attempts by individuals to obtain confidential information from you by falsifying their identity.

A Phishing trips

B   Computer viruses

C   Spyware scams

D   Viruses

E   Phishing scams

Answer: A

Question 92

Why is it unethical to share copyrighted files with your friends?

A   It is not unethical, because it is legal.

B   It is unethical because the files are being given for free.

C   Sharing copyrighted files without permission breaks copyright laws.

D   It is not unethical because the files are being given for free.

E   It is not unethical - anyone can access a computer

Answer: C

Question 93

Which of the following can be used to select the entire document?

A   CTRL + A

B   ALT + F5

C   SHIFT + A

D   CTRL + K

E   CTRL + H

Answer: A

Question 94

The system unit —

A   coordinates input and output devices

B   is the container that houses electronic components

C   is a combination of hardware and software

D   controls and manipulates data

E   does the arithmetic operations

   Answer: B

Question 95

The simultaneous processing of two or more programs by multiple processors is

A   multiprogramming

B   multitasking

C   time-sharing

D   multiprocessing

E   None of these

   Answer: D

Question 96

The device which helps you to communicate with computer is called

A   Input device

B   Output device

C   Software device

D   Storage device

E   None of these

   Answer: B

Question 97

In order to avoid memorising e-mail address you should use

A Browser

B Search engine

C List of Birth date

D Phonebook

E Address book

Answer: E

Question 98

The devices which store information and that are used by computer for its functioning are called :

A Input devices

B Output devices

C Software devices

D Storage devices

E None of these

Answer: D

Question 99

Which among the following is not such an operation which can be carried out on objects in graphic programme?

A Spell check

B Change size

C Move

D Delete

E None of these

Answer: A

Question 100

A hardware device which converts data into meaningful information is called

A   Protector

B   Output device

C   Input device

D   Program

E   Processor

   Answer: E

Question 101

Which process checks to en sure the components of the computer are operating and connected properly? .

A   Booting

B   Processing

C   Saving

D   Editing

E   Starting

   Answer: A

Question 102

A means of capturing an image (drawing or photo) so that it can be stored on a computer is-

A   Modem

B   Software

C   Scanner

D   Keyboard

E   Mouse

   Answer: C

Question 103

An error in a computer program

A Crash

B Power Failure

C Bug

D Virus

E Fatal error

Answer: C

Question 104

Access control based on a person's fingerprints is an exam, pie of -

A biometric identification

B characteristic identification

C characteristic security

D fingerprint security

E logistics

Answer: A

Question 105

The patterns of printed lines on most products are called

A prices

B striping

C scanners

D OCR

E bareodes

Answer: E

Question 106

Most mail programs automatically complete the following two parts in an e-mail

A From : and Body :

B From: and Date :

C From: and To :

D From: and Subject:

E None of these

   Answer: B

Question 107

The computer's capability of distinguishing spoken words is called

A voice analysis

B speech acknowledgement

C voice recognition

D speech interpretation

E vocalisation

   Answer: C

Question 108

Which of the following is an advantage of mounting an application on the Web ?

A the possibility of 24-hour access for users

B creating a system that can extend globally

C standardtzing the design of the interface

D All of these

E None of these

   Answer: D

Question 109

The first page of a Web site is called the

A   Homepage

B   Index

C   Java Script

D   Book mark

E   Intro Page

    Answer: A

Question 110

ERP is an acronym for

A   Enterprise Retirement Planning

B   Enterprise Relationship Planning

C   Enterprise Resource Planning

D   Enterprise Reorder Planning

E   Enterprise Retention Planning

    Answer: C

Question 111

Origin of internet can be tracked from

A   ARPAnet

B   Radio networks

C   Satellite networks

D   Indian army networks

E   Air Force networks

    Answer: A

Question 112

To connect networks of similar proticols,……….. are used

A Routers

B Bridges

C Gateways

D Dial-up routers

E None of these

    Answer: B

Question 113

Decimal equivalent of (1111)2

A 11

B 10

C 1

D 15

E 13

    Answer: D

Question 114

.... is one reason for problems of data integrity

A Data availability constraints

B Data inconsistency

C Security constraints

D Unauthorized access of data

E Data redundancy

    Answer: E

Question 115

Dr. E.F. Codd represented rules that a database must obey if it has to be considered truly relational.

A 10

B 8

C 12

D 6

E 5

Answer: C

Question 116

">" symbol in DOS commands is use to

A Compare two values

B Redirect input

C Redirect output

D Filter data

E None of these

Answer: C

Question 117

System proposal is prepared in ……………phase of SDLC

A Conception

B Initiation

C Analysis

D Design

E constructor

Answer: B

Question 118

A data warehouse

A Contains numerous naming conventions and formats

B Is organized around important subject areas

C Contains only current data

D Can be updated by end users

E Explains some observed event or condition

Answer: B

Question 119

Which of these is considered intelligent CASE tool

A Toolkit

B Methodology companion

C Workbench

D Upper CASE

E Lower CASE

Answer: C

Question 120

Super computer developed by Indian scientists

A Param

B Super301

C Compaq Presario

D Cray YMP

E Blue Gene

Answer: A

Explanation:
ENGLISH LANGUAGE

English

Question 121

I. Future generations will be left with a……………. of pollution and destruction.
II. They each received a ………….of $ 10000.

A   legacy

B   sum

C   fortune

D   amount

E   inheritable

Answer: A

Question 122

I. He was _____ in britiOng about an end to the con
II. Mr. Had Prasad Chaurasia is art exponent of ……………… music.

A   instrument

B   instrumental

C   keen

D   instructor

E   popular

Answer: B

Question 123

I. Many …………..men remarry and have second families.
II. When he was depressed. he felt utterly…………………. from reality

A   divided

B   separate

C   disturbed

D   divorced

E   destined

    Answer: D

Question 124

I. Most of our employees get ……………abroad at some stage.
II. The aircraft and its crew were………….. missing.

A   announced

B   arrested

C   sent

D   posted

E   stationed

    Answer: D

Question 125

I. He admired his………….. in the mirror.
II. The article is an accurate……………. of events that day.

A   reflection

B   description

C   imagery

D   photograph

E   mirage

    Answer: A

Instructions

In each question below, four words printed in bold type are given. These are numbered a:, b:, c: and d:. One of these words printed in bold may either be wrongly spelt or inappropriate in the context of the sentence, Find

out the word that is inappropriate or wrongly spelt, if any. The number of that word is your answer. If all the words printed in bold are correctly spelt and appropriate in the context of the sentence then mark e: i.e. All Correct' as your answer.

Question 126

Only the goalkeeper's (a)/ reflexes (b)7 stopped the ball (c)/ from going in.(d)/All Correct (e)

A Only the golkeeper's

B reflexes

C 7 stopped the ball

D from going in.

E All Correct

Answer: A

Question 127

He has (a)/ refrain (b)/ from criticizing (c)/ the government (d)/ in the public. All Correct (e)

A He has a

B refrain

C from criticizing

D the government

E All Correct

Answer: B

Question 128

Co save his own skull (a)/ he lied and blamed (b)/the accident (c)/ on his friend. (d)/ All Correct (e)

A Co save his own skull

B he lied and blamed

C the accident

D on his friend

E   All Correct

    Answer: A

Question 129

He was badly (a)/ shaken (b)/ by the news (c)/ of her dead. (d)/ All Correct(e)

A   He was badly

B   shaken

C   by the news

D   of her dead

E   All Correct

    Answer: D

Question 130

We lost (a)/ our way (b)/in the laybarinth (c)/ of streets. (d)/ A!) Correct (e)

A   We lost

B   our way

C   in the laybarinth

D   of streets

E   All Correct

    Answer: C

Instructions

Read each sentence to find out whether there is any grammatical error in it. The error if any will be in one part of the sentence, the number of that part will be the answer. If there is no error, the answer is e:. i.e. No error'. (Ignore the errors of punctuation, if any.)

Question 131

Let's wait and see (a)/ how the land (b)/ laid before (c)/ we do anything. (d)/ No error (e)

A   Let's wait and see

B   how the land

C laid before

D we do anything

E No error

Answer: C

Question 132

In ancient Greece (a)/ a messenger ran from Marathon (b)/ to Athens with the news of (c)/ a victory of the persians. (d)/ No error (e)

A In ancient Greece

B a messenger ran from Marathon

C to Athens with the news of

D a victory of the persians

E No error

Answer: D

Question 133

Grammar information enables (a)/ students to map a (b)/ structure of a foreign (c)/ language onto their own. (d)/ No error (e)

A Grammar information enables

B students to map a

C structure of a foreign

D language onto their own

E No error

Answer: B

Question 134

Their wedding (a)/ turned out to be (b)/ quite (c)/ an occasion. (d)/ No error (e)

A Their wedding a

B turned out to be

C quite

D an occasion

E No error

   Answer: E

Question 135

I may be stated (a)/ the obvious but (b)/ without more-money the (c)/ project cannot survive. (d)/ No error (e)

A I may be stated

B the obvious but

C without more-money the

D project cannot survive

E No error

   Answer: A

Instructions

Rearrange the following six sentences/ group of sentences
(A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful
paragraph: then answer the questions given below them. The storm-given the name Hercules-closed major roads with snowdrifts.
A fierce winter storm brought dangerous glacial temperature in New York on Friday. Weather experts said the wind chill temperature would plummet to -25' in New York. With more than 24 inches of snow falling in the city, a state of emergency was declared. More than 4000 international and domestic flights were also cancelled.

Question 136

Indeed storms are disastrous. Which of the following should be the FIRST sentence after The rearrangement ?

A E

B B

C D

D C

E F

Question 137

Which of the following should be the FOURTH sentence after the rearrangement?

A D

B F

C B

D E

E C

Question 138

Which of the following should be the FIFTH sentence after the rearrangement?

A E

B D

C B

D C

E F

Question 139

Which of the following should be the SIXTH (LAST) sentence after the rearrangement?

A A

B D

C F

D E

E C

Question 140

Which of the following should be the SECOND sentence after the rearrangement '?

A A

B D

C F

D B

E C

Instructions

Read the following passage carefully and answer the
questions given below it. Certain words have been printed in bold to help you locate them while answering some of the questions.
Internet banking is the teen used for new age banking system. Internet banking is also called as online banking and it is an outgrowth of PC banking. Internet banking uses the internet as the delivery channel by which to conduct banking activity, for example, transferring funds. paying bills. viewing checking and savings account balances, paying mortgages and purchasing financial instruments and certificates of deposits. Internet banking is a result of explored pus sibility to use internet application in one of the various domains of commerce. It is difficult to infer whether the internet tool has been applied for convenience of hankers or for the customers' convenience. But ultimately it contributes in increasing the efficiency of the banking operation as well providing more convenience to customers. Withotit
even interacting with the hankers, customers **transact** from one curner of the country to another curner There arc many advantages of online Banking. It is convenient, it isn't bound by operational timings, there are no geographical barriers and the services can be offered at a **minuscule** cost. Electronic banking has experienced explosive growth and has transformed traditional practices in banking. Private Banks in India were the first to implement Internet bank ing services in the banking :rictus try. Private Banks, due to late en try into the industry, understood that the establishing network in remote corners of the country is a very difficult task. It was clear to them that the only way to stay connected to the customers at any place and at any time is through Internet applications. They took the inter-net applications as a weapon of cornpetitive advantage to corner the great **monoliths** like Stale Bank of India, Indian Bank etc. Private Banks are pioneer in India to explore the **versatility** of internet applications in delivering services to customers. Several studies have attempted to assess the relative importance of B2E1 and B2C business domains.. There is wide difference in estimates of volume of business transacted over Internet and its components under B2C and B2B. However, most studies agree that volume of transactions in B2B domain far exceeds that in B2C. This is expected result. There is also a growing opinion that the future of ebusiness
lies in B2B domain, as compared to B2C. This has several reasons, like low
penetration of PCs to households, low bandwidth availability etc., in a large part of the world. The success of

B2C ventures depends to a large extent on the shopping habits of people in different parts of the world. A survey sponsored jointly by Confederation of Indian Industries and Infrastructure Leasing and Financial Services on e-commerce in India in 2010 the following observations. 62% of PC owners and 75% of PC non-owners but who have ac cess to Internet would not buy
through the net, as they were not sure of the product offered. The same study estimated the size of B2B business in India by the year 2011 to be varying, between Rs. 1250 billion to Rs. 1500 billion. In a recent study done by Arthur Anderson, it has been estimated that 84% of total e business revenue is generated from B2B segment and the growth prospects in this segment are substantial. It has estimated the revenues to be anywhere between US $ 8.1 trillion to over US $ 21 trillion within the next three years (2014).

Question 141

Which bank(s) is/are pioneer in India to explore the versatility of Internet banking in serving customers ?

A   Slate Bank of India

B   Indian Bank

C   Public Sector Banks

D   Private Banks

E   None of these

   Answer: D

Question 142

Which of the following is not an advantage of online banking ?

A   It is convenient.

B   It is bound by operational timings.

C   The services can be offered at a minimum cost.

D   There is no geographical barrier.

E   None of these

   Answer: B

Question 143

**What percentage of PC non-owners but who have access to Internet would not
prefer to buy through the net. as they are not sure of the product offered '?**

A   75%

B 62%

C 84%

D 76%

E None of these

    Answer: A

Question 144

Which type of activities are performed by internet banking ?

A Paying bills

B Transferring funds

C Paying mortgages

D Purchasing financial instruments and certificates of deposits

E None of these

    Answer: E

Question 145

What estimate was made by confederation of Indian industries regarding the size of B2B business in India by the year 2011?

A Between Rs. 250 billion to Rs. 500 billion

B Between Rs. 1250 billion to Rs. 1500 billion

C Between Rs. 850 billion to Rs. 1050 billion

D Between S 8.7 trillion to S 21 trillion

E None of these

    Answer: B

Instructions

Choose the word which is most similar in meaning to the word printed in bold as used in the passage.

Question 146

Versatility

A multi-utility

B vesicle

C dullness

D neeessity

E meanness

Answer: A

Question 147

Monoliths

A larng block of stone

B large organisations

C monopoly

D dwarfs

E niche

Answer: B

Question 148

TRANSACT

A do business

B tranqullize

C transcend

D exceed

E transfer

Answer: A

Instructions

Choose the word which is most opposite in meaning to the word printed in bold as used in the passage.

Question 149

Substantial

A   meagre

B   considerable

C   large

D   submissive

E   sufficient

Answer: A

Question 150

Minuscule

A   small

B   minimum

C   minute

D   large

E   maximuin

Answer: D

Instructions

The following passage there are blanck each of which has been numbered. These number are printed below the passage and against each, five word are suggested. one of which fits the blank appropriately. find out the appropriate word in each case.

Trust is a (1) relationship concept that needs clarification because researchers (2) disciplines have defined it in so many different ways . A typology of trust types would make it easier to (3) and communicate results. and would be especially valuable if the types of trust related to one another. The typology should be interdisciplinary (4) many disciplines resarch e-commeree. this paper (5) a parsimoniuous interdisciplinary typoligy and relates trust consrusts to ecommeree consumer action. defining both conceptual -level and operational- level trust constructs. conceptual -level constructs consist (6) disposition to trust (primarily from psychology), institution-based trust (from sociology), and trusting (7) and trusting intentions (primarily from social psychology). Each construct is (8) into measurable subconstn_icts, and the typology shows how trust constructs relate (9) already existing Internet relationship constructs. The effects of Web vendor interventions on consumer behaviours are posited to be (10) mediated by consumer trusting beliefs and trusting intentions in the e-vendor.

Question 151

(1)

A vital

B close

C important

D low

E proximate

Answer: A

Question 152

(2)

A along

B around

C across

D above

E over and above

Answer: C

Question 153

(3)

A compose

B compare

C comparison

D comparing

E spare

Answer: B

Question 154

(4)

A   but

B   that .

C   which

D   because

E   as if

   Answer: D

Question 155

(5)

A   justifies

B   clarifies

C   denies

D   regards

E   registers

   Answer: A

Question 156

(6)

A   in

B   of

C   for

D   with

E   by

   Answer: B

Question 157

(7)

A   disbeliefs

B   beliefs

C   ways

D   means

E   measures

   Answer: B

Question 158

(8)

A   decomposed

B   decomposing

C   deposed

D   divided

E   distributed

   Answer: A

Question 159

(9)

A   with

B   in

C   by

D   of

E   to

   Answer: E

Question 160

(10)

A partially

B legally

C generally

D illegally

E gradually

Answer: A

Quant

Instructions

For the following questions answer them individually

Question 161

The ratio of monthly salaries of two persons, A and B is 8 : 7. If the salary of A is increased by 20% and that of B by 10%, the new ratio becomes 96 : 77. What is A's salary ?

A Rs. 800

B Rs. 700

C Rs. 750

D Cannot be determined

E None of these

Answer: D

Explanation:

Let the salary of A be "a" and the salary of B is "b"

$\frac{a}{b} = \frac{8}{7}$

Now , After 20% increment, salary of A becomes 1.2a

and after increment of 10% , salary of B becomes 1.1b

Given that $\frac{1.2a}{1.1b} = \frac{96}{77}$, this implies that $\frac{a}{b} = \frac{8}{7}$

As both the equations are giving same ratio and in no way the exact values of A and B can be found out .

Hence Option D is the correct answer

Question 162

Simple interest on a certain sum at 7 p.c.p.a for four years is Rs. 3584. What will be the compound interest on the same principal at 4 p.c.p.a. in two years ?

A   Rs. 1054.48

B   Rs. 1044.48

C   Rs. 1044.84

D   Rs. 1064.84

E   None of these

   Answer: B

Explanation:
Let the principal amount be P and given that R = 7%/ annum and T = 4 years, S.I for 4 years = Rs 3584

S.I. = $\frac{P \times R \times T}{100}$ = $\frac{P \times 7 \times 4}{100}$ = 3584

P = Rs 12800

Now , to calculate the C.I rate of interest has been changed to 4%/ annum and time period to 2 years

C.I. = $P\left(1 + \frac{4}{100}\right)^2$ - P

= 12800(1.0816-1)

= 12800 x 0.0816

= Rs. 1044.48

Question 163

The cost of pure milk is Rs. 16 per litre. On adding water, the mixture is sold at Rs. 15/litre. In this way the milkman earns 25% profit. What is the ratio of milk and water in the mixture ? Assume the cost of water be Rs 0

A   3 : 1

B   7 : 25

C   15 : 1

D   1 : 15

E   None of these.

Answer: A

Explanation:
As the Milkman is making 25% profit on selling milk and water solution at Rs 15 , the Cost price of water and Milk solution is $\frac{15}{1.25}$ = Rs 12

let the amount of pure milk be x litre and amount of water mixed with it be y litre.

So using , $\frac{16x}{x+y} = 12$

= $\frac{x}{y} = \frac{3}{1}$

Question 164

Four persons - M, N, 0 and P-distributed a sum of Rs. 44352 among themselves. M got 3/8 th of total amount. N got 1/6 th part of the remaining amount. Thereafter, the remaining amount was divided between 0 and P in the ratio 3 : 2. The amount received by P is :

A   Rs. 9648

B   Rs. 9848

C   Rs. 9884

D   Rs. 9240

E   Rs. 9270

Answer: D

Explanation:
Total amount = Rs 44352

M's share= $\frac{3}{8} \times 44352$ = Rs 16632

Remaining amount = 44352 - 16632 = Rs 27720

N's Share = $\frac{1}{6} \times 27720$ = Rs 4620

Remaining amount = 27720 - 4620 = Rs 23100

Ratio in which the remaining amount is divided between O: P = 3:2

P's share = $\frac{2}{5} \times 23100$ = Rs 9240

Question 165

Three persons A, B and C start a business with 12800, 16800 and 9600 respectively. At the end of the year. B received Rs. 13125 as share in total profit. What is the share of Mr. C in the profit ?

A   Rs. 7850

B Rs. 7550

C Rs. 7500

D Rs. 8500

E None of these

Answer: C

Explanation:

Given that A, B and C start a business with 12800, 16800 and 9600 respectively. Time period for which all of them remain invested = 12 months

So division of profits would be in the ratio (12800 X 12) : (16800 X 12) : (9600 X 12)

A : B : C = 16 : 21 : 12

let the profit be Rs P

Given that share of B is Rs 13125

$\frac{21}{49} X P$ = 13125

P = 30625

Share of C = $\frac{12}{49} \times 30625$ = Rs 7500

Question 166

One-third of a diagonal of a square is $3\sqrt{2}$ units. What is the measure of the side of the square ?

A 6 units

B 3 units

C 18 units

D 9 units

E None of these

Answer: D

Explanation:

If the length of side of a square is b units then length of diagonal is $\sqrt{2}$ b

$\frac{\sqrt{2}b}{3}$ = $3\sqrt{2}$

b = 9

Question 167

56 men can do a job in 14 days. How many additional men are required to do the same job in 8 days?

A 42

B   24

C   52.

D   25

E   None of these

   Answer: A

Explanation:

Let the extra men required be M

using the formula

$$\frac{M1D1}{W1} = \frac{M2D2}{W2}$$

$$\frac{56 \times 14}{W} = \frac{8(M+14)}{W}$$

M +56 = 98

M = 42 men

Question 168

A shopkeeper has goods of worth 6000. He sold half of the goods at a gain of l2%. At what profit percent should he sell the remaining half of the stock so that he gets 18% profit on the whole ?

A   25%

B   24%

C   18%

D   21%

E   None of these

   Answer: B

Explanation:

total cost price of goods = Rs 6000

Cost price of half goods = Rs 3000

Selling prices of half goods = 1.12 × 3000 = Rs 3360

Total profit assumed is 18 % which means total selling price should be = 1.18 × 6000 =Rs 7080

Selling price if remaining half items = 7080 - 3360 = Rs 3720

Profit percent for another half = $\frac{3720-3000}{3000} \times 100$

= 24 %

Question 169

A 210 metre long train crosses a man running at 9 kmph in opposite direction in 6 seconds. Find the speed of the train.

A 98 kmph

B 97 kmph

C 107 kmph

D 117 kmph

E None of these

Answer: D

Explanation:

let the speed of train be a km/hr

As both man and train are moving towards each other and hence the relative speed will be (a+9) km/hr = (a + 9) x $\frac{5}{18}$

Length of Train = 210 m

Time taken = 6 sec

using Distance = Speed x Time

210 = (a + 9) x $\frac{5}{18}$ x 6

a = (126 - 9) = 117 km/hr

Question 170

Average score of a cricketer in 13 matches is 42 runs. if the average score in the first five matches be 54 runs, what is the average score in the last eight matches ?

A 36.5

B 34.5

C 35.4

D 38.5

E None of these

Answer: B

Explanation:

Average = $\frac{Total Runs}{Number of Matches}$

Overall Average runs = 42

Total Matches = 13

Total Runs = 42 x 13 = 546

Now , Average runs in 5 matches = 54

total run in first 5 matches = 54 x 5 = 270

Total Runs in last 8 matches = 546- 270 = 276

Average of last 8 matches = $\frac{276}{8}$ = 34.5

hence the answer is option B

Question 171

The perimeter of a rectangle whose length is 6 metre more than its breadth is 84 metre. What is the area of the triangle whose base is equal to the diagonal of the rectangle and height is equal to the length of the rectangle ?

A 360 sq. metre

B 380 sq. metre

C 360 metre

D 400 sq. metre

E None of these

   Answer: A

Explanation:
Let the base of rectangle be y , then its length will be = y+6

perimeter of triangle = 84

2(length + breadth) = 84

2(2y + 6) = 84

2y + 6 = 42

y = 18 m

length of rectangle = height of triangle = 18 + 6 = 24 m

Diagonal of rectangle = base of Triangle = $\sqrt{(24)^2 + (18)^2}$ = 30

Area of Triangle = $\frac{1}{2} \times 30 \times 24$

Area of Triangle = 360 sq m

Question 172

Due to decrease of 10% in the price of tea per kg, a consumer buys 250gm of tea more than before for Rs. 270. What is the original price of tea ?

A 130/kg

B 120/kg

C 115/kg

D 140/kg

E None of these

   Answer: B

Explanation:

Let the original price of tea be a Rs per kg and original weight of tea bought by consumer be b kg

a x b = 270 (let this equation be 1)

Now due to decrease in price by 10 percent the new prices become 0.9 times the original and as a result consumption increases by 0.25 kg without spending any extra money .

So, 0.9a x (b+0.25) = 270 (let this equation be 2)

From equation 1 and 2

0.9ab + 0.225a = 270

0.225a = 270 - 243

a = 120/kg

Instructions

What will come in place of the question mark (?) in the following questions ?

Question 173

$(34.5 \times 14 \times 42) \div 2.8 = ?$

A 7445

B 7425

C 7245

D 7435

Answer: C

Explanation:

Using BODMAS Rule , first solve the brackets and then do the divison

$(34.5 \times 14 \times 42) \div 2.8$

$20286 \div 2.8$

$=7245$

Question 174

-676.76 + 1237.87 + 897.34 - ? = 1294.25

A 168.2

B 164.2

C 154.2

D 164.8

E None of these

Answer: B

Explanation:

Let the missing number be x

-676.76 + 1237.87 + 897.34 - x = 1294.25

1458 - 1294.25 = x

x = 164.2

Question 175

$\frac{3}{8}$ of $(4624 \div (564 - 428)) = ?$

A 11.75

B 12.57

C 21.75

D 12.75

E None of these

Answer: D

Explanation:

$\frac{3}{8}$ of $(4624 \div (564 - 428)$

using BODMAS rule

$= \frac{3}{8} \times (4624 \div 136)$

$= \frac{3}{8} \times 34$

$= 12.75$

Question 176

$4\frac{1}{2} + (1 \div 2\frac{8}{9}) - 3\frac{1}{13} = ?$

A 23/13

B 25/13

C 26/13

D 27/13

E None of these

Answer: A

Explanation:

Let the number be y

$4\frac{1}{2} + (1 \div 2\frac{8}{9}) - 3\frac{1}{13} = ?$

$\frac{9}{2} + (1 \div \frac{26}{9}) - \frac{40}{13}$

$\frac{9}{2} + \frac{9}{26} - \frac{40}{13}$

$\frac{117 + 9 - 80}{26}$

$\frac{46}{26}$

$\frac{23}{13}$

Question 177

$(216)^4 \div (36)^4 \times 6^5 = (6)^?$

A 8

B 6

C   7

D   9

E   11

Answer: D

Explanation:

Let the missing number be y

$(216)^4 \div (36)^4 \times y = (6)^?$

Using BODMAS Rule

$6^4 \times 6^5 = (6)^?$

x = 9

Hence option D is correct.

Question 178

$456 \div 24 \times 38 - 958 + 364 = ?$

A   228

B   124

C   128

D   138

E   145

Answer: C

Explanation:

456 ÷ 24 × 38 - 958 + 364

Using BODMAS rule

= ((456 ÷ 24) x 38) - 958 + 364

= (19 x 38) - 594

= 722 - 594 = 128

Question 179

$3\frac{6}{17} \div 2\frac{7}{34} - 1\frac{9}{25} = (?)^2$

A $\frac{2}{5}$

B $\frac{3}{5}$

C $\frac{5}{2}$

D $\frac{5}{3}$

E $\frac{4}{7}$

Answer: A

Explanation:

Let the missing number be y

$$3\frac{6}{17} \div 2\frac{7}{34} - 1\frac{9}{25} = (y)^2$$

$3\frac{6}{17} = \frac{57}{17}$

$2\frac{7}{34} = \frac{75}{34}$

$1\frac{9}{25} = \frac{34}{25}$

using BODMAS rule

$\frac{57}{17} \div \frac{75}{34} - \frac{34}{25}$

$\frac{38}{25} - \frac{34}{25}$

$= \frac{4}{25} = (y)^2$

y = $\frac{2}{5}$

Question 180

$$(973 \div 14) \div 5 \times 11 =?$$

A   152.2

B   152.9

C   159.2

D   195.2

E   None of these

Answer: B

Explanation:

This question is checking the concept of BODMAS rule.

(973 ÷ 14) ÷ 5 × 11 = 69.5 ÷ 5 x 11 = 13.9 x 11 = 152.9

Hence option B is correct

Question 181

$$\frac{\sqrt{4356} \times \sqrt{?}}{\sqrt{6084}} = 11$$

A 196

B 125

C 169

D 225

E 81

Answer: C

Explanation:

Let the missing number be y

$$\frac{\sqrt{4356} \times \sqrt{?}}{\sqrt{6084}} = 11$$

$$= \frac{66 \times \sqrt{y}}{78} = 11$$

$$= \sqrt{y} = 13$$

y = 169

Hence the option C is correct

Question 182

$$(43)^2 + 841 = (?)^2 + 1465$$

A 15

B 65

C 45

D 35

E 25

Answer: D

Explanation:

Let the missing number be y

659 + 841 = (y) + 1465

y = 35

Hence option D is correct

Question 183

$$4\frac{1}{2} + (1 \div 2\frac{8}{9}) - 3\frac{1}{13} = ?$$

A $\frac{23}{13}$

B $\frac{13}{23}$

C $\frac{25}{13}$

D $\frac{25}{26}$

E None of these

Answer: A

Explanation:

Let the number be y

$$4\frac{1}{2} + (1 \div 2\frac{8}{9}) - 3\frac{1}{13} = ?$$

$$\frac{9}{2} + (1 \div \frac{26}{9}) - \frac{40}{13}$$

$$\frac{9}{2} + \frac{9}{26} - \frac{40}{13}$$

$$\frac{117+9-80}{26}$$

$$\frac{46}{26}$$

$$\frac{23}{13}$$

Question 184

$$((441)^{\frac{1}{2}} \times 207 \times (343)^{\frac{1}{3}}) \div ((14)^2 \times (529)^{\frac{1}{2}}) = ?$$

A 5.75

B 6.75

C 7.75

D 6.25

E 6.50

Answer: B

Explanation:

$$= ((441)^{1/2} \times 207 \times (343)^{1/3} \div ((14)^2 \times (529)^{1/2}$$

$$= (21 \times 207 \times 7 \div (196 \times 23))$$

Using BODMAS rule

$$= \frac{30429}{4508}$$

= 6.75

Hence option B is correct

Question 185

$$(1097.63 + 2197.36 - 2607.24) \div 3.5 =?$$

A 196.5

B 186.5

C 196.75

D 200.5

E 136.5

Answer: A

Explanation:
=(1097.63 + 2197.36 - 2607.24) ÷ 3.5

Using BODMAS rule

= 687.75 ÷ 3.5

=196.5

Hence option A is correct

Question 186

$$(\sqrt{7744} \times 11^2) \div 2^3 = (?)^3$$

A 121

B 11

C 9

D 12

E 17

Answer: B

Explanation:
Let the missing number be y

$$(\sqrt{7744} \times 11^2) \div 2^3 = (?)^2$$

$$\frac{88 \times 11}{8} = (y)^2$$

$$121 = (y)^2$$

y = 11

Hence the correct option is B

Question 187

$$3\frac{3}{8} \times 6\frac{5}{12} - 2\frac{3}{16} \times 3\frac{1}{2} = ?$$

A 16

B 12

C 14

D 18

E 17

Answer: C

Explanation:

$$3\frac{3}{8} \times 6\frac{5}{12} - 2\frac{3}{16} \times 3\frac{1}{2}$$

$$\frac{27}{8} \times \frac{77}{12} - \frac{35}{16} \times \frac{7}{2}$$

$$\frac{77 \times 27}{96} - \frac{35 \times 7}{32}$$

= 21.656- 7.656

= 14

Hence option C is correct

Instructions

What will come in place of the question mark (?) in the following number series ?

Question 188

960, 839, 758, 709, ?, 675

A 698

B 694

C 684

D 648

E 680

    Answer: C

Explanation:

Let the missing number be y

$960 - 839 = 121 = (11)^2$

$839 - 758 = 81 = (9)^2$

$758 - 709 = 49 = (7)^2$

here we can see the pattern of squares of decreasing odd numbers as the difference of two consecutive numbers . So,

$709 - y = (5)^2 = 25$

y = 684

Question 189

3, ?, 14, 55, 274, 1643

A 5

B 6

C 7

D 8

E None of these

    Answer: A

Explanation:

Let the missing number be y

here the pattern is

55 = 14x4 -1

274 = 55x5 -1

1643 = 274 x 6 -1

so

y = 3 x 2 - 1 = 5

Question 190

36, 38.8, 42.8, ?, 54.4, 62

A   46

B   48

C   45

D   48.2

E   49.4

   Answer: B

Explanation:

38.8 - 36 = 2.8

42.8 - 38.8 = 4

y - 42.8 =

54.4 - y =

62 - 54.4 = 7.6

Here we can sense that the difference between consecutive numbers is increasing by 1.2 so,

y - 42.8 = 5.2

y = 48

lets check this value in

54.4 - 48 = 6.6

5.2 + 1.2 = 6.6 (hence our theory got proved)

Correct answer is B

Question 191

37, ?, 103, 169, 257, 367

A   49

B   46

C   56

D   59

E   69

Answer: D

Explanation:
let the missing number be y

y - 37 = ?

103 - y = ?

169 - 103 = 66 = 11 x 6

257 - 169 = 88 = 11 x 8

367 - 257 = 110 = 11 x 10

As we can see that the difference is the even multiple of 11 and the even factor is getting increased by 2 every time.

so y - 37 = 11 x 2

y = 59

103 - 59 = 44 = 11 x 4 (hence our theory got proved.)

So the answer is option D

Question 192

4, 6, 12, ?, 90, 315

A 25

B 27

C 30

D 45

E None of these

Answer: C

Explanation:
Let the missing number be y

Now we can see that ,

6 = 4 x 1.5

12 = 6 x 2

y = 12 x 2.5 = 30

90 = 30 x 3

315 = 90 x 3.5

The given pattern is that the multiplying factor is increasing by 0.5 for every term when going from left to right.

Hence, answer is option C

Instructions

In the following table, the number of pages printed by 6 printers in 5 weeks has been given. Read the following table carefully and answer the questions.

Printer/Week	A	B	C	D	E	F
First	664	618	628	552	638	419
Second	569	441	519	438	621	437
Third	440	614	503	527	541	742
Fourth	256	563	347	651	412	321
Fifth	717	429	598	582	319	693

Question 193

What is the average number of pages printed by all printers in the first week ?

A 586.5

B 540

C 545.4

D 546.5

E 548

Answer: A

Explanation:

Total no. of pages printed by all printers in first week = 664+618+628+552+638+419 = 3519

Required average = 3519/6 = 586.5

Question 194

What is the average number of pages printed by printer C taking all the weeks together ?

A 529

B 519

C 591

D 592

E 539

Explanation:

Total no. of pages printed by C in all weeks = 628+519+503+347+598 = 2595

Average of pages printed by C = 2595/5 = 519

Question 195

In which week was the number of printed pages maximum?

A First

B Second

C Third

D Fourth

E Fifth

Explanation:

Number of pages printed in each week :

I - 664+618+628+552+638+419 = 3519 (MAXIMUM)

II - 569+441+519+438+621+437 = 3025

III - 440+614+503+527+541+742 = 3367

IV - 256+563+347+651+412+321 = 2550

V - 717+429+598+582+319+693 = 3338

Question 196

The difference between the pages printed by printers A and E in the second week is

A 46

B 42

C 62

D 52

E None of these

Answer: D

Explanation:
Pages printed by A in second week = 569

Pages printed by E in second week = 621

Required difference = 621-569 = 52

Question 197

The difference between the total pages printed by printers B and C (all weeks taken together) is

A   65

B   70

C   66

D   77

E   None of these

Answer: B

Explanation:
Total pages printed by printer B = 618+441+614+563+429 = 2665

Total pages printed by printer C = 628+519+503+347+598 = 2595

Required difference = 2665-2595 = 70

Instructions
For the following questions answer them individually

Question 198

Pipe A can fill a tank in 8 hours while another pipe B can fill it in 16 hours. A third pipe C can empity the full tank in 32 hours. All three pipes are opened simutaneously. In what time will an empty tank be filled ?

A   5.5 hours

B   6 hours

C   6.4 hours

D   7 hours

E   7.2 hours

Answer: C

Explanation:

Pipe A 1 hour work = 1/8

Pipe B 1 hour work = 1/16

Pipe C 1 hour work = - 1/32

Here negative sign shows that it is doing negative work

Now when all pipes are opened simultaneously then 1 hour combined work = 1/8 + 1/16 - 1/32

= 5/32

So time taken by all pipes to fill the tank = 32/5 hours = 6.4 hours

Question 199

A and B are two numbers. Six times square of B is 540 more than square of A. The ratio of A and B is 3 : 2. Find the number B?

A 12

B 18

C 14

D 21

E None of these

Answer: A

Explanation:

As the ratio A:B is given as 3:2 , lets assume that A is 3y and B is 2y

It is given that $6(2y)^2$ = 540 + $(3y)^2$

$24(y)^2$ - $9(y)^2$ = 540

$15(y)^2$ = 540

$(y)^2$ = 36

y = 6

hence B = 2 y = 2 x 6 = 12

Question 200

Eight years ago, the age of Vishal was four times that of Shekhar's. After 8 years, Vishal's age will be twice of Shekhar's age. Vishal's present age is

A 24 years

B   28 years

C   30 years

D   32 years

E   None of these

Answer: A

Explanation:
REASONING