

SBI Clerk 15 Feb 2015

General Awareness

Instructions

For the following questions answer them individually

Question 1

'Jim Corbett National Park' is the oldest National Park In India. It is situated in the Indian state of

- A** Himachal Pradesh
- B** Uttar Pradesh
- C** Punjab
- D** Uttarakhand
- E** Arunachal Pradesh

Answer: D

Question 2

An independent authority appointed by the RBI for resolution of complaints against deficiency in banking services is known as.....

- A** Chief Manager complaints in each bank
- B** Chief vigilance officer
- C** no such authority appointed
- D** banking ombudsmen
- E** compliance officer

Answer: D

Question 3

The capital of 'Kingdom of Denmark' is

- A** Munich
- B** Prague
- C** Hamburg
- D** Heisenburg
- E** Copenhegan

Answer: E

Question 4

In a bank's balance sheet which of the following is an asset ?

- A** its paid up capital

- B** its saving deposits
- C** its investment in government securities
- D** its accumulated reserve funds
- E** its current deposits

Answer: C

Question 5

The United Nations Children Funds (UNICEF) is a united nations program that provides humanitarian and development assistance to children and mothers in developing countries. Its headquarters in.....

- A** Geneva, Switzerland
- B** Paris, franca
- C** Vienna, Austria
- D** New York, USA
- E** Rome, Italy

Answer: D

Question 6

The book 'odyssey of my life' is the autobiography of.....

- A** Shri Shiv Raj Patil
- B** Shri R R Patil
- C** Shri Sandeep Patil
- D** Shrimati Smita Patil
- E** Shri Pratibha Patil

Answer: A

Question 7

Union HRD Minister Shrimati Smriti Irani laid the foundation stone of 'Indian Institute of Management' inthe state of Andhra Pradesh. The Institute is being set up in

- A** Tirupathi
- B** Nellore
- C** Vishakhapatnam
- D** Guntur
- E** Vijayawada

Answer: C

Question 8

Space Probe Beagle 2 has been found on the surface of Mars, 11 years after it was thought that it was lost on Mars. It was originally launched in 2003 by.....

- A** Soviet space program
- B** Israeli space agency
- C** Japan aerospace exploration agency
- D** China national space administration
- E** European space agency

Answer: E

Question 9

In order to raise awareness, conserve and use water resources in an integrated manpower, the Government of India observed "India Water Week" in the month of

- A** Dec-14
- B** Feb-15
- C** Oct-14
- D** Jan-15
- E** Nov-14

Answer: D

Question 10

The Men's final of 10th Savio Cup All India Basketball Tournament has recently been won by

- A** Oil and Natural Gas Commission (ONGC)
- B** Indian Overseas Bank
- C** Hindustan Petroleum Corporation Limited (HPCT)
- D** Indian Oil Corporation Limited (IOCL)
- E** State Bank of India (SBI)

Answer: A

Question 11

Shri Deep kumar Upadhyay has recently been named as its ambaddasor to India by the Government of

- A** Mauritius
- B** Nepal
- C** Bhutan

D Fiji Islands

E Maldives

Answer: B

Question 12

The 'Indian Army Day' is observed every year on.....

A 15th March

B 15th September

C 15th January

D 15th August

E 15th October

Answer: C

Question 13

'Raksha Bii' is the recently launched vaccine aimed at minimizing the economic loss of the animal farming community from the strains of the.....

A 'Foot and Mouth Virus'

B Bluetongue virus

C Bird flu virus

D Road Water disease

E Swine flu virus

Answer: B

Question 14

As per 2011 Census the child sex ratio in the (0-6) group stood at

A 969 female against 1000 male

B 939 female against 1000 male

C 919 female against 1000 male

D 959 female against 1000 male

E 929 female against 1000 male

Answer: C

Question 15

India's Indigenously developed nuclear capable sub-sonic cruise missile 'Nirbhay' can strike targets more than

A 1000 Km away

- B** 3700 Km away
- C** 700 Km away
- D** 1700 Km away
- E** 2700 Km away

Answer: C

Question 16

Which of the following countries is the world's largest producer of Gold?

- A** Canada
- B** China
- C** Peru
- D** Australia
- E** Columbia

Answer: B

Question 17

Who amongst the following has recently been appointed as the Chairperson of the Central board of Film Certification (CBFC) ?

- A** Shri Pahlaj Nahlani
- B** Shri Aakash Nahlani
- C** Shrimati Shibha Nahlani
- D** Shri Govind Nahlani
- E** Shri Dayal Nahlani

Answer: A

Question 18

Which of the following is not a primary function of a bank?

- A** Accepting Deposit
- B** Clearing of cheques
- C** providing reference on financial standing on its customer
- D** Financing of foreign trade
- E** granting loans and advances

Answer: C

Question 19

As per 2011 census the proportion of economically active population is the 15-50 in the total population was

- A** 55.5 percent
- B** 52.5 percent
- C** 42.5 percent
- D** 62.5 percent
- E** 48.5 percent

Answer: D

Question 20

Meteorological satellitel'engyon it off' has recently been launched by.....

- A** Japan
- B** China
- C** Russia
- D** France
- E** Germany

Answer: B

Question 21

Who amongst the following is the regulator in the financial system of the country ?

- A** Other than those given as options
- B** SEBI
- C** CRISIL
- D** TRAN
- E** CERC

Answer: B

Question 22

'Shivalik Hills' is a mountain range of the outer Himalayas. The range is about 2400 km long passing through the Indian states of Arunachal Pradesh, West Bengal, Himachal Pradesh Uttarakhand and

- A** Punjab
- B** Uttar Pradesh
- C** Haryana

D Jammu & Kashmir

E Rajasthan

Answer: D

Question 23

The abbreviation 'PLA' stands for

A Private Liberation Army

B People's Liberation Armed Force

C Public Liberation Army

D People's Liberation Army

E People's Liberty Army

Answer: D

Question 24

"SARFAESI Act 2001" is applicable in banking industry for

A regulating the service conditions of employee

B appointment of nominee directors on the bank boards

C Other than those given as options

D streamlining documentation

E Facilitating Enforcement of security for recovery of bad loans

Answer: E

Question 25

The RBI on January 15, 2015 has reduced 'REPO RATE' by how much percentage points?

A 0.60

B 0.25

C 1.00

D 0.75

E 0.40

Answer: B

Question 26

According to the scientists of NASA's Goddard Institute for Space studies in Manhattan the hottest year in Earth's recorded history since 1990 was

- A** 2001
- B** 2014
- C** 1997
- D** 2005
- E** 2010

Answer: B

Question 27

'Mohiniyattam' is a classical dance from the Indian state of

- A** Assam
- B** Kerala
- C** Odisha
- D** Arunachal Pradesh
- E** Telangana

Answer: B

Question 28

Who amongst the following won the noble peace prize for pioneering the concepts of micro credit and micro finance?

- A** Professor Mohammad Yunus
- B** Other than those given as options
- C** Professor Amartya sen
- D** Jean Tirole
- E** Professor Jagdish Bhagwati

Answer: A

Question 29

' Renimmibhi' is the currency of the

- A** People's Republic of China
- B** People's Republic of bulgaria
- C** People's Republic of Korea

- D People's Republic of Ethiopia
- E People's Republic of Bangladesh

Answer: A

Question 30

Loans granted by a bank to an exporter popularly known as 'Export credit' is guaranteed, in case of default, by which of the following

- A EXIM BANK
- B MINISTRY OF INTERNAL TRADE, GOA
- C ECGC
- D DICGC
- E Other than those given as options

Answer: C

Question 31

'Spartan' is the code-name for an upcoming web browser being developed by Microsoft to replace the existing user ?

- A Safari
- B Opera
- C Internet explorer
- D Firefox
- E Chrome

Answer: C

Question 32

Shri Manohar Gopalkrishna Prabhu Parikaris the Union Cabinet Minister for

- A Railways
- B Law and Justice
- C Mines and steel
- D Defence
- E Civil aviation

Answer: D

Question 33

Which of the following forms of securing a loan in the safest one ?

- A Lien
- B Assignment
- C Pledge
- D Hypotheciation
- E Mortgage

Answer: E

Question 34

The 'Asian News International' (ANI) is a news agency based in

- A Singapore
- B New Delhi, India
- C Rawalpindi, Pakistan
- D Tokyo, Japan
- E Beijing, China

Answer: B

Question 35

With a view to encourage entrepreneurship among the schedule castes, 'a venture fund for the SCs' has recently been launched by ___

- A The state Government of Bihar
- B The state Government of Uttar Pradesh
- C The state Government of Rajasthan
- D The state Government of Maharashtra
- E The Government of India

Answer: E

Question 36

The ratio of deposits to loans of a bank is known as

- A NPA Coverage Ratio
- B Return on asset ratio
- C Asset coverage ratio
- D CD ratio
- E Other than those given as options

Answer: E

Question 37

The loan limit for affordable housing (Valuing upto Rs. 425 Lacs) in 6 Metropolitan centres specified by RBI in

- A** Rs 70,00 Lacs
- B** Rs 40,00 Lacs
- C** Rs 50,00 Lacs
- D** Rs 20,00 Lacs
- E** Rs 30,00 Lacs

Answer: C

Question 38

Which of the following is the negotiable instrument ?

- A** Fixed deposit of a bank
- B** share certificate issued by a PSU
- C** demand draft issued by a bank
- D** debenture of a company
- E** airway receipt

Answer: C

Question 39

Jimjang Deru' of Arunachal Pradesh has recently broken his own national record set by him last year in.....

- A** Boxing
- B** Archery
- C** Wrestling
- D** Athletics
- E** Weight Lifting

Answer: E

Question 40

Scientists at the Harvard Smithsonian centre for astrophysics (CIA) have recently found two most Earth like planets. The planets have been named by

- A** Kinston 410b and Kinston 440b
- B** Kepler 438b and kepler 442b

- C Kirakon 420b and kirakon 440b
- D litmus 414b and litmus 441b
- E luilin 410b and luilin 421b

Answer: B

Explanation:

ENGLISH LANGUAGE

English

Instructions

Each sentence given below has a blank indicating that something has been omitted. Choose the word that best suits the meaning of the sentence as a whole.

Question 41

Ideally you should set aside funds to help youover situations such as a sudden medical emergency or unexpected expenses.

- A come
- B turn
- C reach
- D pass
- E tide

Answer: E

Question 42

Organizations should implement some practices that the army follows younger staff with important conclusions.

- A experiencing
- B nominating
- C responsible
- D entrusting
- E supportive

Answer: D

Question 43

from teaching young students about entrepreneurship we also provide funds to start and sustain their business for the short time.

- A While
- B Whether

- C Apart
- D Further
- E Perhaps

Answer: C

Question 44

Cost of fuel is the second most crucial..... in a person's decision to buy a car.

- A event
- B advice
- C factor
- D opportunity
- E aspects

Answer: C

Question 45

The green revolution which was started in the 1960's helped to reduce food scarcity and improved the health of the economy.

- A still
- B rapidly
- C expected
- D growing
- E extremely

Answer: E

Instructions

In these questions, sentences with four bold words are given. One from four words given in the bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate. If any, that word will be your answer. If all words given in the bold are correctly spelt and also appropriate in the context of the sentence then 'All Correct' is your answer.

Question 46

According to the management the bank is likely to perform better in the next quarter.

- A management
- B likely
- C perform
- D quarter
- E All correct

Answer: E

Question 47

It is difficult to gain access to the hospital because there is no permanent road.

- A difficult
- B gain
- C access
- D permanent
- E All correct

Answer: D

Question 48

One of the most important tasks of the modern government is to run an efficient welfare system.

- A most
- B tasks
- C morden
- D efficient
- E All correct

Answer: C

Question 49

Even experienced bankers were surprised by RDF's decision to cut rates prior to the budget.

- A Even
- B experienced
- C surprised
- D prior
- E All correct

Answer: B

Question 50

The new generation is confident, tech-savvy and is not fearful of trying new things.

- A generation
- B fearful
- C trying
- D things

E All correct

Answer: B

Instructions

Read the following passage carefully and answer the given questions. Certain words/phrases have been given in bold to help you locate them while answering some of the questions. A group of employees was working in a software company. It was a team of thirty employees. They were young, energetic and **dynamic** team with keen enthusiasm and a desire to learn and grow. The management decided to teach the employees how to find real solutions to problems. The team was called to play a game in banquet hall. The group was quite surprised that they were called to play a game. Everyone reached the venue with various thoughts on their minds. As they entered the hall, they found the hall decorated beautifully with colourful decorated papers and balloons all over the place. It was more like a children's party area than a corporate meeting hall. Everyone was surprised and gazed at each other. Also there was a huge box of balloons placed at the centre of the hall. The team leader asked everyone to pick a balloon from the box and blow it up. Everyone picked up the balloon and blew it up. Then the team asked them to write names on their balloons carefully so that the balloons didn't burst. Everyone tried to write their names on their balloons, but not everyone was successful. A few balloons burst due to pressure and the people whose balloons were burst, were given another chance to pick a balloon. Those who failed to write their names even after the second chance were asked to leave the game. After the second chance, Twenty five employees **qualified** for the next level. All the balloons were collected and then put into a room. The team leader asked the employees to go to the room and pick the same balloons that had his/her name on it. Also he told them that no balloon should burst and **warned** them to be very careful. All the employees reached the room, where the balloons carrying their names were thrown here and there. They were searching for their respective balloons. While they were in a rush to find the respective balloons, they tried not to burst the balloons. Fifteen minutes passed away and no one was able to find the balloons carrying their own name. The team was told that the second level of the game-was over. Now was the time for third and final level. The employees were asked to pick any balloon in the room and give it to the person named on the balloon. Within a couple of minutes all balloons reached the hands of the respective employees and everyone reached the hall. The team leader then said. "This is called the new solution to a problem. Everyone is **frantically** haunting for solutions to problem without understanding the ideal way. Many times sharing and helping others gives you real solutions to all problems".

Question 51

Which of the following cannot be said about the employees?

- (A) Atleast one employee found the balloon when they were asked to pick up a balloon with their name on it.**
- (B) They participated whole heartedly in the task**
- (C) They all failed to follow the instructions given by the team leader in the end.**

- A Only (A)
- B Only (A) and (B)
- C All (A) (B) and (C)
- D Only (B)
- E Only (A) and (C)

Answer: A

Question 52

Why was everyone surprised reaching on their corporate meeting hall ?

- A Their team leader was dressed as a kid
- B Their seniors were missing from the hall

- C The hall was equipped with the latest and high technological gadgets
- D The hall was too small to accommodate all of them
- E other than those given as options

Answer: E

Question 53

Which of the following can be said about the mangement's idea of trying to teach their employees something ?

- (A) The idea did not indeed teach anything for the people who did not finish the task**
- (B) The idea was ill received by all**
- (C) The idea was creative**

- A Only (A)
- B Only (B) and (C)
- C Only (C)
- D All (A) (B) and (C)
- E Only (A) and (B)

Answer: C

Question 54

Which one of the following aspects come across very strongly in the story ?

- A One should not worry about goals
- B One should be honest and sincere regarding one's work
- C One should be helpful towards others regardless what the end results in
- D One should look beyond personal goals to achieve success in a task
- E One should share one's problem with others to feel better

Answer: C

Question 55

Choose the word which is most opposite in meaning to the word given in bold as used in the passage ?
Qualified

- A illiterate
- B ignorant
- C failed
- D pushed
- E silly

Answer: C

Question 56

Choose the word which is most similar in meaning to the word given in bold as used in the passage ?

Warned

- A threatened
- B cautioned
- C pressurized
- D intermediated
- E bullied

Answer: B

Question 57

Choose the word which is most similar in meaning to the word given in bold as used in the passage ?

Dynamic

- A vibrant
- B colourful
- C explosive
- D different
- E noisy

Answer: A

Question 58

Which of the following is true according to the story ?

- A The task was successful only after the employees were shown the right way to go about it
- B The only way to make a task successful is by helping others, otherwise the task fails
- C The employees who were asked to leave the game were disinterested in it
- D There were more than four levels in the task
- E All the given statements are true

Answer: A

Question 59

Choose the word which is most opposite in meaning to the word given in bold as used in the passage ?

Frantically

- A nervously

- B** secretly
- C** crazily
- D** calmly
- E** minutely

Answer: D

Question 60

Which of the following can be the most appropriate title for the story ?

- A** Sharing and caring
- B** The game of balloons
- C** The company with a team leader
- D** A friend in need is a friend indeed
- E** The twenty five employees

Answer: A

Instructions

Rearrange the given six sentences/ group of sentences (A) (B) (C) (D) (E) and (F) in a proper sequence so as to form a meaningful paragraph and then answer the given questions.

(A) Beena grew day by day and was charming and polite but as the goddess predicted she had to have a new outfit every day and for a while the king and queen were happy to let their heir way but soon realized that this had to stop.

(B) They longed for the child and prayed and prayed till finally one day their prayers were heard but the goddess warned, you will soon have a little girl and though she will be a loving child, she will love new clothes too much and will be cursed if she covets, another's clothes.

(C) They tried to get her mend her ways but in vain and one day when Beena saw a beautiful girl simply dressed in a cotton sari and noticed how people were admiring the simply dressed girl she demanded the dress.

(D) The kingdom was at peace. subjects were happy and there was a bumper crop but the King and Queen were very sad.

(E) As foretold, Beena turned into an onion. A plant with many layers to symbolize the many dresses she had.

(F) The King and Queen were ready to accept this flow and when the Queen gave birth to a baby girl the entire kingdom rejoiced.

Question 61

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

- A** A
- B** C
- C** D
- D** E
- E** F

Answer: B

Question 62

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

A A

B B

C C

D D

E E

Answer: E

Question 63

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

A A

B B

C C

D D

E F

Answer: D

Question 64

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

A A

B B

C C

D D

E F

Answer: B

Question 65

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

A A

B B

C D

D E

E F

Answer: E

Instructions

Read the sentence to find out whether there is any grammatical mistake/error in it. The error, if any, will be in one part of the sentence. The number of the part with the error is your answer. If there is no error then 'no error' is your answer. Ignore the errors of punctuations if any.

Question 66

One night, freiddle the fox was (a)/prowling around (b)/ an actor's house when he (3)1 found an open window. (c)/ No error (d)

- A** One night, freiddle the fox was
- B** prowling around
- C** an actor's house when he
- D** found an open window
- E** No error

Answer: A

Question 67

Millie was (a)/a mouse who had (b)/a cousin named Tora (c)/ living from the city. (d)/ No error (e)

- A** Millie was
- B** a mouse who had
- C** a cousin named Tora
- D** living from the city
- E** No error

Answer: D

Question 68

In a jungle there lived (a)/a lion who felt ashamed (b)/of himself because (c)/he was scared on chickens. (d)/No error (e)

- A** In a jungle there lived
- B** a lion who felt ashamed
- C** of himself because
- D** he was scared on chickens
- E** No error

Answer: D

Question 69

The big bad wolf gobbled (a)/ up the little lamb so fast (b)/ that a bone was stick (c)/in his throat. (d)/No error (e)

- A The big bad wolf gobbled
- B up the little lamb so fast
- C that a bone was stick
- D in his throat
- E No error

Answer: C

Question 70

Hares are rather a:/noise animals who b:/love to bear c:/themselves talking. d:/No error e:

- A Hares are rather
- B noise animals who
- C love to bear
- D themselves talking
- E No error

Answer: B

Instructions

In the given passage there are blanks, each of which is numbered. Against each five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case. Once in a town of Shimpola, there lived a rich and cunning money lender called Vidushan. He (1) money to poor people and (2) them to give their land. The troubled people went to Subhadhar who (3) to visit their town soon. One morning, a jeweller visited Vidushan with some expensive looking jewellery. When Vidushan asked for its price, the jeweller said it was worth a handful grain. He also said if you are (4), to give me a grain, give me a thousand gold coins and return the poor people's land as well. Greedy Vidushan was very (5). He gave the jeweller a handful of grains. The jeweller (6) to take it and took him to court. A There per hre he the (7) judge, "My Lord, had asked him for a single grain that was the (8) of a full hand and he gave me a handful of eil he should pay me a thousand of gold coins and return the poor people's land to them." The Judge (9) and adjudged the case in his (10). The jeweller was actually Subhadhar and he had helped poor get their land back.

Question 71

(1)

- A lent
- B borrowed
- C grant
- D presented
- E showed

Answer: A

Question 72

(2)

A empowered

B forced

C punished

D prevent

E destroy

Answer: B

Question 73

(3)

A said

B assuring

C promise

D guarantee

E vouched

Answer: E

Question 74

(4)

A not

B powerless

C unqualified

D unable

E there

Answer: D

Question 75

(5)

A contents

B delightful

C blessed

D happy

E gladly

Answer: D

Question 76

(6)

A accepted

B denies

C loved

D wanted

E refused

Answer: E

Question 77

(7)

A lengthy

B growth

C extent

D size

E shapes

Answer: D

Question 78

(8)

A conditions

B demands

C position

D state

E Will

Answer: A

Question 79

(9)

A yes

- B** agreed
- C** supporting
- D** chose
- E** ordered

Answer: B

Question 80

(10)

- A** honour
- B** side
- C** favour
- D** worth
- E** service

Answer: C

Computer Knowledge

Instructions

For the following questions answer them individually

Question 81

.....connects the CPU to various internal components and to expansion cards for graphics and sound.

- A** RAM
- B** Internal buses
- C** BIOS
- D** Chip set
- E** ROM

Answer: B

Question 82

As per SEBI regulation every applicant shall pay a non-refundable application fee of Rs..... along with application for grant or renewal of certification of registration for investment advisors.

- A** Rs. 2500
- B** Rs. 15000

- C Rs. 7500
- D Rs. 5000
- E Rs. 10000

Answer: D

Question 83

In order to grow task, if a company takes its existing product/service to new markets, it is said to be deploying

- A Market penetration strategy
- B Market development strategy
- C Product development strategy
- D All those given as options
- E Diversification strategy

Answer: E

Question 84

.....are used to measure both computer memory (RAM) and storage capacity of Floppy disks, CD-ROM drives and Hard drives.

- A Bytes
- B Bites
- C Octal numbers
- D Hexadecimal numbers
- E Binary numbers

Answer: A

Question 85

Which of the following is not included in the four strategies to assign objective, strategy and budget to each SBU as per BCG growth share matrix ?

- A invest
- B divest
- C harvest
- D hold
- E bold

Answer: A

Question 86

is not the stage of product life cycle in marketing ?

- A** maturity
- B** growth
- C** introduction
- D** decline
- E** planning

Answer: E

Question 87

The marketing concept for a cluster of complimentary products and services that are closely related in the minds of consumers but are spread across a diverse set of industries, is

- A** Metamarket
- B** Synchronized marketing
- C** Vertical integration
- D** Horizontal integration
- E** Beta Market

Answer: A

Question 88

.....includes boot firmware and power management.

- A** CD-ROM
- B** Internal buses
- C** BIOS
- D** Chip set
- E** RAM

Answer: C

Question 89

In case of open ended scheme, the mutual funds shall publish in a daily newspaper of all india circulation atleast once in the sale and repurchase priceoff units

- A** a week
- B** three days
- C** two days

D a fortnight

E a month

Answer: A

Question 90

.....is not a basic element of marketing mix.

A promotion

B place

C price

D product

E publication

Answer: E

Question 91

What is an on-screen display listing of available options or functions on a computer?

A document

B view

C tool

D format

E menu

Answer: E

Question 92

Which concept is practiced for the products that buyers normally do not think of buying, such as insurance ?

A other than those given as options

B trading concept

C selling concept

D product concept

E production concept

Answer: C

Question 93

Compact disk that can store approximately 650-800 MB of data or 74-80 minutes of music are.....

A Zip disks

- B** CD-ROM
- C** Video cards
- D** Pressing machines
- E** floppy diskettes

Answer: B

Question 94

What do we call a network elements may be separated by some distance ? It usually involves two or more networks and dedicated high speed telephone lines

- A** LAN
- B** WAN
- C** URL
- D** Server
- E** World wide web

Answer: B

Question 95

Printing orientation that is wider than it is taller is

- A** portrait orientation
- B** icon
- C** page set
- D** landscape orientation
- E** wide-angle

Answer: D

Question 96

A collection of various programs that helps control your computer is called

- A** System software
- B** Application software
- C** Microsoft Excel
- D** Microsoft word
- E** Microsoft outlook

Answer: B

Question 97

Social marketing emerged during the year

- A** 1982
- B** 1972
- C** 1961
- D** Other than those given as options
- E** 1951

Answer: B

Question 98

Which of the following is a parameter for determining competitive position of company's products ?

- A** Historical profit margins
- B** Market growth rate
- C** Market share rate
- D** Overall market size
- E** Number of brands in portfolio

Answer: C

Question 99

..... is the standard input device of most computers.

- A** scanner
- B** joystick
- C** speaker
- D** microphone
- E** keyboard

Answer: E

Question 100

What is MS-Word ?

- A** ifis a calculating tool
- B** it is a planning tool

- C it is a chart
- D it is a networking tool
- E it is a document typing tool

Answer: E

Question 101

.....is considered as debit market securities

- A fixed deposit of bank
- B certificate of deposit
- C shares stock
- D preference stock
- E mortogage loans

Answer: B

Question 102

What is the temporary storage memory chips that form the computers primary work space? The contents are lost if power is disrupted.

- A outputs
- B windows
- C ROM
- D hard drive memory
- E RAM

Answer: E

Question 103

Computer software is .

- A used only for output
- B a computer peripheral
- C used for input
- D a set of instructions
- E used only in operating systems

Answer: D

Question 104

Which of the following does not come under 'general insurance' ?

- A Marine insurance
- B Fire insurance
- C Life insurance
- D Fidelity insurance
- E Health insurance

Answer: C

Question 105

What do we call for the arrangement when two or more computers physically connected by cables to share information or hardware ?

- A URL
- B Network
- C server
- D internet
- E modem

Answer: B

Question 106

In growth-share matrix approach of boston consulting group are businesses with weak market share in low-growth market generating low profit.

- A Stars
- B other than those given as options
- C Dogs
- D Question marks
- E cash cows

Answer: C

Question 107

A word or (words) used in computing in a search to match a desired topic is called

- A ID name
- B hint
- C password
- D user
- E keyword

Answer: E

Question 108

What is a stored question about information in database ?

- A** Query
- B** sort
- C** report
- D** record
- E** field

Answer: A

Question 109

Merritt Lynch uses a symbol of bull to imply strength and leadership. This is an example of in service marketing ?

- A** Visualization
- B** other than those given as options
- C** association
- D** documentation
- E** physical representation

Answer: C

Question 110

Which of the following is a tax saving mutual fund scheme ?

- A** Gilt fund
- B** ELSS
- C** Debt funds
- D** gold funds
- E** balanced funds

Answer: B

Question 111

Formatting a disk means —

- A** programming the disk so data on it can't be erased
- B** cleaning the disks from any dust contaminates
- C** Installing an operating system on it
- D** setting up sections on the disk to store the files in
- E** installing files on it

Answer: D

Question 112

Keyboard shortcut for CUT command is.....

- A** Ctrl + W
- B** Ctrl + Y
- C** Ctrl + Z
- D** Ctrl + X
- E** Ctrl + V

Answer: D

Question 113

The main circuit board in the computer that connects the parts of the computer is the___

- A** Mother board
- B** Father board
- C** Match board
- D** Hard Drive
- E** Special sound

Answer: A

Question 114

Dividing the market into segments and charging the same price for every one in a segment is known as.....

- A** steaming pricing
- B** cost based pricing
- C** personal pricing
- D** group pricing
- E** individual pricing

Answer: D

Question 115

What is the name of the device that links your computer with other computers and information services through telephone lines ?

- A** Modem
- B** LAN
- C** URL
- D** WAN
- E** Server

Answer: A

Question 116

_____provides hard copy output on paper.

- A** Mouse
- B** keyboard
- C** LCD monitor
- D** Scanner
- E** Printer

Answer: E

Question 117

What is the validity period for the certificate of registration issued by SEBI for investment advisors for mutual funds ?

- A** 4 years
- B** 5 years
- C** 3 years
- D** 2 years
- E** 1 year

Answer: B

Question 118

.....concept holds that firms must strive to deliver value to customers in a way that maintains or improves both the consumers as well as society's well being.

- A** product
- B** societal networking
- C** selling
- D** marketing

E equity

Answer: B

Question 119

The financial contracts whose value are obtained from the values of underlying assets are

A Bonds

B mortgages

C derivatives

D stocks

E commercial papers

Answer: C

Question 120

When backed by an ability to pay, want for specific product becomes.....

A need

B satisfaction

C other than those given as options

D demand

E esteem

Answer: D

Explanation:

QUANTITATIVE APTITUDE

Quant

Instructions

For the following questions answer them individually

Question 121

If one—third of one-seventh of a number is 15, then two-fifth of that number is

A 158

B 165

C 142

D 136

E 126

Answer: E

Explanation:

Let the number = x

$$\Rightarrow \frac{1}{3} \times \frac{1}{7} \times x = 15$$

$$\Rightarrow x = 15 \times 21 = 315$$

∴ Two fifth of the number

$$= \frac{2}{5} \times 315$$

$$= 2 \times 63 = 126$$

Question 122

The simple interest obtained when a sum of money is invested for 4 years at 18% per annum is Rs. 427 more than the simple interest obtained if the same sum of money is invested for 2 years at 22% per annum. What is the amount obtained when the same sum of money is invested for 4 years at 18% per annum ?

A Rs. 2,130

B Rs. 2,623

C Rs. 1,096

D Rs. 1,854

E None of these

Answer: B

Explanation:

Let the principal = Rs. P

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

Acc. to ques,

$$\Rightarrow \left(\frac{P \times 18 \times 4}{100} \right) - \left(\frac{P \times 22 \times 2}{100} \right) = 427$$

$$\Rightarrow \frac{72P}{100} - \frac{44P}{100} = 427$$

$$\Rightarrow 28P = 427 \times 100 = 42700$$

$$\Rightarrow P = \frac{42700}{28} = 1525$$

Now, S.I. after 4 years at 18%

$$= \frac{1525 \times 18 \times 4}{100}$$

$$= 61 \times 18 = 1098$$

∴ Required amount = 1098 + 1525

$$= \text{Rs. } 2,623$$

Question 123

Train A, whose length is 328 metre can cross a 354 metre long platform in 11 seconds. Train B can cross the same platform in 12 seconds. If the speed of train— B is 7/8th of the speed of train—A, what is the length of train—B ? (in m)

A 321

B 303

C 297

D 273

E 309

Answer: C

Explanation:

$$\text{Speed} = \frac{\text{Length of train} + \text{Length of platform}}{\text{Time}}$$

$$\Rightarrow \text{Speed of train A} = \frac{328+354}{11}$$

$$= \frac{682}{11} = 62 \text{ m/s}$$

$$\Rightarrow \text{Speed of train B} = \frac{7}{8} \times 62$$

$$= \frac{217}{4} \text{ m/s}$$

Let length of train B = l

$$\Rightarrow \frac{l+354}{12} = \frac{217}{4}$$

$$\Rightarrow l + 354 = \frac{217}{4} \times 12$$

$$\Rightarrow l + 354 = 217 \times 3 = 651$$

$$\Rightarrow l = 651 - 354 = 297 \text{ metre}$$

Question 124

The ratio of number of males and number of females in village X is 11:7 respectively. If in village Y, the number of males is 20% more than the number of males in village X and the number of females is 12% less than those in village X, then what will be the respective ratio of males to females in village Y ?

A 15 : 11

B 17 : 5

C 17 : 11

D 23 : 9

E 15 : 7

Answer: E

Explanation:

Let the number of males in Village X = $11x$

\Rightarrow Number of females in village X = $7x$

$$\Rightarrow \text{Males in village Y} = \frac{120}{100} \times 11x = \frac{66x}{5}$$

$$\Rightarrow \text{Females in village Y} = \frac{88}{100} \times 7x = \frac{154x}{25}$$

\therefore Required ratio

$$= \left(\frac{66x}{5} \right) : \left(\frac{154x}{25} \right)$$

$$= 3 : \frac{7}{5} = 15 : 7$$

Question 125

The areas of two circular fields are in the ratio of 25 : 64 respectively. If the radius of the latter is 16 metre then what is the radius of the former ? (in metre)

- A 14
- B 10
- C 6
- D 18
- E 8

Answer: B

Explanation:

Let radius of former circular field = r

Acc. to ques,

$$\Rightarrow \frac{\pi r^2}{\pi 16^2} = \frac{25}{64}$$

$$\Rightarrow r^2 = \frac{25}{64} \times 16 \times 16$$

$$\Rightarrow r^2 = 25 \times 4 = 100$$

$$\Rightarrow r = \sqrt{100} = 10$$

Question 126

16 times X is equal to 5 times Y. If 8 is subtracted from Y it is 10 more than two times X. What is the sum of X and Y ?

- A 78
- B 39
- C 48
- D 92
- E 63

Answer: E

Explanation:

$$16X = 5Y$$

Also, $Y - 8 = 2X + 10$

$$\Rightarrow Y - 2X = 10 + 8 = 18$$

$$\Rightarrow \frac{16X}{5} - 2X = 18$$

$$\Rightarrow \frac{16X - 10X}{5} = 18$$

$$\Rightarrow 6X = 18 \times 5 = 90$$

$$\Rightarrow X = \frac{90}{6} = 15$$

$$\Rightarrow Y = \frac{16}{5} \times 15$$

$$\Rightarrow Y = 16 \times 3 = 48$$

$$\therefore X + Y = 15 + 48 = 63$$

Instructions

Study the following table carefully and answer the given questions:

No of pages printed by 5 printers in 5 days					
Day	Printers				
	M	N	O	P	Q
Monday	196	145	254	169	291
Tuesday	125	172	233	141	297
Wednesday	167	189	243	223	189
Thursday	219	233	158	256	284
Friday	240	289	153	251	271

Question 127

If the total number of pages printed by all the given printers together on Saturday was 18% more than the total number of pages printed by all the given printers together on Thursday, what was the total number of pages printed by all the given printers together on Saturday ?

- A 1379
- B 1299
- C 1357
- D 1289
- E 1331

Answer: C

Explanation:

Total number of pages printed by all the given printers together on Thursday

$$= 219 + 233 + 158 + 256 + 284 = 1150$$

∴ Total number of pages printed by all the given printers together on Saturday

$$= \frac{118}{100} \times 1150$$

$$= 118 \times 11.5 = 1357$$

Question 128

What is the respective ratio between total number of pages printed by printer O on Tuesday and Wednesday together and total number of pages printed by printer Q on Monday and Tuesday together ?

- A 17 : 21
- B 17 : 19
- C 19 : 21
- D 17 : 23
- E 19 : 23

Answer: A

Explanation:

Total number of pages printed by printer O on Tuesday and Wednesday together = 233 + 243

$$= 476$$

Total number of pages printed by printer Q on Monday and Tuesday together = $291 + 297$

$$= 588$$

=> Required ratio = $476 : 588$

$$= 17 : 21$$

Question 129

What is the sum of 58% of the total number of pages printed by printers M and O together on Monday and 65% of the total number of pages printed by printers N and Q together on Friday ?

A 610

B 655

C 575

D 625

E 640

Answer: D

Explanation:

Total number of pages printed by printers M and O together on Monday = $196 + 254$

$$= 450$$

Total number of pages printed by printers N and Q together on Friday = $289 + 271$

$$= 560$$

∴ Required sum

$$= \left(\frac{58}{100} \times 450\right) + \left(\frac{65}{100} \times 560\right)$$

$$= 261 + 364 = 625$$

Question 130

Number of pages printed by printer N on Tuesday is what percent of the number of pages printed by printer M on Friday ?

A $71\frac{2}{3}$

B $69\frac{2}{3}$

C $74\frac{1}{3}$

D $65\frac{1}{3}$

E $77\frac{2}{3}$

Answer: A

Explanation:

Number of pages printed by printer N on Tuesday = 172

Number of pages printed by printer M on Friday = 240

$$\Rightarrow \text{Required \%} = \frac{172}{240} \times 100$$

$$= \frac{215}{3} = 71\frac{2}{3}\%$$

Question 131

What is the average number of pages printed by printer P during all the given days together?

- A 214
- B 204
- C 208
- D 218
- E 198

Answer: C

Explanation:

Number of pages printed by printer P during all the given days together

$$= 169 + 141 + 223 + 256 + 251 = 1040$$

$$\Rightarrow \text{Required average} = \frac{1040}{5} = 208$$

Instructions

For the following questions answer them individually

Question 132

Glenn labelled the price of an article in such a way so as to earn 25% profit. However, while selling he offered 6% discount on the labelled price. If he sold it for Rs. 10,340, what was the cost price of the article ?

- A Rs. 9,200
- B Rs. 8,000
- C Rs. 8,800
- D Rs. 8,600
- E Rs. 8,400

Answer: C

Explanation:

Let C.P. of article = Rs. $100x$

$$\Rightarrow \text{Marked price} = \frac{125}{100} \times 100x = 125x$$

$$\Rightarrow \text{Selling price after offering 6 \% discount} = \text{Rs. } 10,340$$

$$\Rightarrow \frac{94}{100} \times 125x = 10340$$

$$\Rightarrow \frac{47}{2} \times 5x = 10340$$

$$\Rightarrow x = \frac{10340 \times 2}{47 \times 5}$$

$$\Rightarrow x = \frac{440}{5} = 88$$

$$\therefore \text{C.P.} = 100 \times 88 = \text{Rs. } 8,800$$

Question 133

In what ratio Martina should mix two varieties of juice worth Rs. 52 per litre and Rs. 74 per litre so that by selling the mixture at the rate of Rs. 71.28 per litre she can earn a profit of 8% ?

A 6 : 7

B 3 : 7

C 5 : 8

D 4 : 7

E 3 : 8

Answer: D

Explanation:

S.P. of mixture = Rs. 71.28

Profit % = 8%

$$\Rightarrow \text{C.P. of mixture} = \frac{100}{108} \times 71.28$$

= Rs. 66 per litre

Let Martina mix the juice in the ratio = $x : y$

Acc to ques,

$$\Rightarrow 52x + 74y = 66(x + y)$$

$$\Rightarrow 52x + 74y = 66x + 66y$$

$$\Rightarrow 14x = 8y$$

$$\Rightarrow \frac{x}{y} = \frac{8}{14} = \frac{4}{7}$$

∴ Martine should mix the juice in the ratio = 4 : 7

Question 134

The difference between length and breadth of a rectangle is 17m and the perimeter is 106m. Find the area of rectangle ? (in m²)

A 716

B 660

C 630

D 740

E 524

Answer: C

Explanation:

Let length of the rectangle = x metre

\Rightarrow Breadth of the rectangle = $x - 17$ metre

Now, perimeter = $2(x + x - 17) = 106$

$$\Rightarrow 2x - 17 = \frac{106}{2} = 53$$

$$\Rightarrow 2x = 53 + 17 = 70$$

$$\Rightarrow x = \frac{70}{2} = 35$$

=> Length = 35 m and Breadth = 35 - 17 = 18 m

∴ Area of rectangle = 35×18

$$= 630m^2$$

Question 135

Present ages of three persons A, B, C are in the ratio of 6:7:9 respectively. After 52 years, sum of their ages will be 81 years. Find the present age of B ? (in years)

A 21

B 28

C 35

D 14

E 42

Answer: A

Explanation:

Let present ages of A, B and C respectively be $6x, 7x, 9x$

=> After 5 years, sum of their ages

$$\Rightarrow (6x + 5) + (7x + 5) + (9x + 5) = 81$$

$$\Rightarrow 22x = 81 - 15 = 66$$

$$\Rightarrow x = \frac{66}{22} = 3$$

∴ Present age of B = $7 \times 3 = 21$ years

Question 136

Two pipes can fill a tank in 10 hours and 16 hours respectively. A third pipe can empty the tank in 40 hours. If all the three pipes are opened and they function simultaneously then in how much time the tank will be full ? (in hours)

A $5\frac{3}{11}$

B $5\frac{7}{11}$

C $7\frac{3}{22}$

D $7\frac{3}{11}$

E $5\frac{7}{22}$

Answer: D

Explanation:

If all the three pipes are opened simultaneously, part of the tank filled in 1 hour

$$= \frac{1}{10} + \frac{1}{16} - \frac{1}{40}$$

$$= \frac{8+5-2}{80} = \frac{11}{80}$$

$$\therefore \text{Required time} = \frac{1}{\frac{11}{80}}$$

$$= \frac{80}{11} = 7\frac{3}{11} \text{ hours}$$

=> Ans - (D)

Question 137

The average monthly income of A and B is Rs. 7,760. The average monthly income of B and C is Rs. 10,990 and that of C and A is Rs. 9,070. What is the annual income of B ?

- A Rs. 1,20,240
- B Rs. 1,24,480
- C Rs..1,12,360
- D Rs. 1,28,120
- E Rs. 1,16,160

Answer: E

Explanation:

Monthly income of :

$$(A + B) = 2 \times 7,760 = \text{Rs. } 15,520$$

$$(B + C) = 2 \times 10,990 = \text{Rs. } 21,980$$

$$(C + A) = 2 \times 9,070 = \text{Rs. } 18,140$$

Adding above equations, we get :

$$\Rightarrow 2(A + B + C) = 15,520 + 21,980 + 18,140 = 55,640$$

$$\Rightarrow A + B + C = \frac{55,640}{2} = 27,820$$

From equation (3) above

$$\Rightarrow B = 27,820 - 18,140 = 9,680$$

$$\therefore \text{B's annual salary} = 12 \times 9680$$

$$= \text{Rs. } 1,16,160$$

Question 138

Scheme A offers compound interest (compounded annually) at a certain rate of interest (p.c.p.a.). When a sum was invested in the scheme it amounted to Rs.14,112 after 2 years and Rs. 16,934.40 after 3 years. What was the sum of money invested ?

- A Rs. 9000
- B Rs. 10,200
- C Rs. 8,800
- D Rs. 9,400
- E Rs. 9,800

Answer: E

Explanation:

Let the amount invested = Rs. P

$$\text{Amount under compound interest} = A = P\left(1 + \frac{R}{100}\right)^T$$

$$\Rightarrow 14112 = P\left(1 + \frac{R}{100}\right)^2 \text{ -----Eqn (1)}$$

$$16934.40 = P\left(1 + \frac{R}{100}\right)^3 \text{ -----Eqn (2)}$$

Now, dividing equation (2) by (1), we get :

$$\Rightarrow \frac{16934.40}{14112} = \left(1 + \frac{R}{100}\right)$$

$$\Rightarrow 1 + \frac{R}{100} = 1.2$$

Putting above value in equation (1)

$$\Rightarrow 14112 = P(1.2)^2$$

$$\Rightarrow P = \frac{14112}{1.44} = \text{Rs. } 9,800$$

Question 139

Mr. Sharma distributed an amount of money among his wife, one son and one daughter and kept some money for himself. 12% of the total amount he gave to his wife and kept 22% for himself. Out of the remaining amount, he gave to his son and daughter in the ratio of 7:8 respectively. If the daughter got Rs. 3,806 more than the son, what was the total amount that Mr. Sharma had ?

- A Rs. 60,000
- B Rs. 78,650
- C Rs. 86,500
- D Rs. 80,500
- E Rs. 72,400

Answer: C

Explanation:

Let Mr. Sharma initially has Rs. $100x$

Amount received by Mr. Sharma and his wife (%) = $12 + 22 = 34\%$

\Rightarrow Remaining amount (%) = $100 - 34 = 66\%$

$$= \frac{66}{100} \times 100x = 66x$$

Acc. to ques,

$$\Rightarrow \left(\frac{8}{8+7} \times 66x\right) - \left(\frac{7}{8+7} \times 66x\right) = 3806$$

$$\Rightarrow \frac{66x}{15} = 3806$$

$$\Rightarrow x = \frac{3806 \times 15}{66}$$

$$\Rightarrow x = 865$$

\therefore Total amount that Mr. Sharma has = $100 * 865 = \text{Rs. } 86,500$

Instructions

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

Question 140

$$\frac{(415+223)^2+(415-223)^2}{(415 \times 415+223 \times 223)} = ?$$

- A 2
- B 5
- C 3
- D 6

E 4

Answer: A

Explanation:

$$\text{Expression : } \frac{(415+223)^2+(415-223)^2}{(415 \times 415 + 223 \times 223)} = ?$$

Let $415 = a$ and $223 = b$

$$\begin{aligned} \Rightarrow x &= \frac{(a+b)^2+(a-b)^2}{a^2+b^2} \\ &= \frac{(a^2+b^2+2ab)+(a^2+b^2-2ab)}{a^2+b^2} \\ &= \frac{2a^2+2b^2}{a^2+b^2} \\ &= \frac{2(a^2+b^2)}{a^2+b^2} = 2 \end{aligned}$$

Question 141

$$\frac{(349+503)}{35.5} + 428 = ?$$

A 4068

B 3870

C 4203

D 4158

E 4122

Answer: A

Explanation:

$$\text{Expression : } \frac{(349+503)}{35.5} + 428 = ?$$

$$\Rightarrow \frac{852}{35.5} + 428 = \frac{x}{9}$$

$$\Rightarrow 24 + 428 = \frac{x}{9}$$

$$\Rightarrow 452 = \frac{x}{9}$$

$$\Rightarrow x = 452 \times 9 = 4068$$

Question 142

$$(86 - \frac{742}{53}) \div 2 = ?^2$$

A 3

B 4

C 6

D 9

E 2

Answer: C

Explanation:

$$\text{Expression : } (86 - \frac{742}{53}) \div 2 = ?^2$$

$$\Rightarrow (86 - 14) \div 2 = (x)^2$$

$$\Rightarrow \frac{72}{2} = (x)^2$$

$$\Rightarrow 36 = (x)^2$$

$$\Rightarrow x = \sqrt{36} = 6$$

Question 143

$$\frac{[1496-392]}{23} \times 15 = 213 + ?$$

A 477

B 437

C 539

D 507

E 517

Answer: D

Explanation:

$$\text{Expression : } \frac{[1496-392]}{23} \times 15 = 213 + ?$$

$$\Rightarrow \frac{1104}{23} \times 15 = 213 + x$$

$$\Rightarrow 48 \times 15 = 213 + x$$

$$\Rightarrow 720 = 213 + x$$

$$\Rightarrow x = 720 - 213 = 507$$

Question 144

$$9^2 \times \sqrt[3]{(1296)} - 254 = (? \times 9 + 124)$$

A 14

B 9

C 6

D 12

E 20

Answer: D

Explanation:

$$\text{Expression : } 9^2 \times \sqrt[3]{(1296)} - 254 = (? \times 9 + 124)$$

$$\Rightarrow (81 \times 6) - 254 = (x \times 9) + 124$$

$$\Rightarrow 486 - 254 = 9x + 124$$

$$\Rightarrow 9x = 232 - 124 = 108$$

$$\Rightarrow x = \frac{108}{9} = 12$$

Question 145

$$5136 \div (523 + 333) \text{ of } 4^3 + 459 = ?$$

- A 520
- B 541
- C 513
- D 493
- E 467

Answer: E

Explanation:

$$\text{Expression : } 5136 \div (523 + 333) \text{ of } 4^3 + 459 = ?$$

$$= 5136 \div (856 \times \frac{3}{4}) + 459$$

$$= (5136 \div 642) + 459$$

$$= 8 + 459 = 467$$

Question 146

$$64^2 - 36^2 = ? \times 25$$

- A 118
- B 212
- C 112
- D 134
- E 106

Answer: C

Explanation:

$$\text{Expression : } 64^2 - 36^2 = ? \times 25$$

$$\Rightarrow (64 + 36)(64 - 36) = x \times 25$$

$$\Rightarrow 100 \times 28 = x \times 25$$

$$\Rightarrow x = \frac{100 \times 28}{25}$$

$$\Rightarrow x = 4 \times 28 = 112$$

Question 147

$$\frac{2}{3} - \frac{5}{7} \text{ of } \frac{21}{23} \text{ of } \frac{46}{51} = ? \text{ of } \frac{8}{85}$$

- A 1/6
- B 5/6
- C 5/7

D $\frac{2}{17}$

E $\frac{1}{3}$

Answer: B

Explanation:

Expression : $\frac{2}{3} - \frac{5}{7}$ of $\frac{21}{23}$ of $\frac{46}{51} = ?$ of $\frac{8}{85}$

$$\Rightarrow \frac{2}{3} - \left(\frac{5}{7} \times \frac{21}{23} \times \frac{46}{51} \right) = x \times \frac{8}{85}$$

$$\Rightarrow \frac{2}{3} - \frac{10}{17} = \frac{8x}{85}$$

$$\Rightarrow \frac{4}{51} = \frac{8x}{85}$$

$$\Rightarrow x = \frac{4 \times 85}{51 \times 8}$$

$$\Rightarrow x = \frac{5}{6}$$

Question 148

$$4^3 \times 2^6 \times 8^3 = 2^x$$

A 10

B 16

C 14

D 8

E 12

Answer: C

Explanation:

$$\text{Expression : } 4^3 \times 2^6 \times 8^3 = 2^x$$

$$\Rightarrow (2)^{2 \times 3} \times (2)^6 \times (2)^{3 \times 3} = (2)^x$$

$$\Rightarrow (2)^6 \times (2)^6 \times (2)^9 = (2)^x$$

$$\Rightarrow (2)^{6+6+9} = (2)^x$$

$$\Rightarrow x = 6 + 6 + 9 = 21$$

Question 149

$$\frac{\sqrt{(180)} \times \sqrt{(18)} \times \sqrt{(5)} \times \sqrt{(3)}}{\sqrt{(96)} \times 5} = ?$$

A $\frac{1}{52}$

B $\frac{3}{24}$

C $\frac{1}{12}$

D $\frac{1}{42}$

E $5\frac{2}{3}$

Answer: D

Explanation:

Expression : $\frac{\sqrt{(180)} \times \sqrt{(18)} \times \sqrt{(5)} \times \sqrt{(3)}}{\sqrt{(96)} \times 5} = ?$

$$= \frac{\sqrt{180 \times 18 \times 5 \times 3}}{\sqrt{16 \times 6} \times 5}$$

$$= \frac{\sqrt{(18 \times 18) \times (5 \times 5) \times 6}}{\sqrt{6} \times 4 \times 5}$$

$$= \frac{18 \times 5 \times \sqrt{6}}{20 \times \sqrt{6}}$$

$$= \frac{90}{20} = \frac{9}{2}$$

$$= 4\frac{1}{2}$$

Question 150

$$\frac{2560}{32} + \frac{23}{45} \text{ of } 855 = \frac{7}{11} \text{ of } ? + 391$$

A 297

B 198

C 132

D 176

E 275

Answer: B

Explanation:

Expression : $\frac{2560}{32} + \frac{23}{45} \text{ of } 855 = \frac{7}{11} \text{ of } ? + 391$

$$\Rightarrow 80 + \left(\frac{23}{45} \times 855\right) = \left(\frac{7}{11} \times x\right) + 391$$

$$\Rightarrow 80 + (23 \times 19) = \frac{7x}{11} + 391$$

$$\Rightarrow 80 + 437 - 391 = \frac{7x}{11}$$

$$\Rightarrow \frac{7x}{11} = 126$$

$$\Rightarrow x = \frac{126 \times 11}{7}$$

$$\Rightarrow x = 18 \times 11 = 198$$

Question 151

$$\frac{156.25}{12.5} \times \frac{1000}{2500} = \frac{?}{28}$$

A 147

B 140

C 112

D 168

E 196

Answer: B

Explanation:

$$\text{Expression : } \frac{156.25}{12.5} \times \frac{1000}{2500} = \frac{?}{28}$$

$$\Rightarrow 12.5 \times \frac{2}{5} = \frac{x}{28}$$

$$\Rightarrow \frac{25}{5} = \frac{x}{28}$$

$$\Rightarrow x = 5 \times 28 = 140$$

Question 152

$$\sqrt{(337 + \sqrt{(561 + \sqrt{225})})} + ? = \frac{576}{8}$$

A 51

B 59

C 53

D 42

E 45

Answer: C

Explanation:

$$\text{Expression : } \sqrt{(337 + \sqrt{(561 + \sqrt{225})})} + ? = \frac{576}{8}$$

$$\Rightarrow \sqrt{(337 + \sqrt{(561 + 15)})} + x = \frac{576}{8}$$

$$\Rightarrow \sqrt{337 + \sqrt{576}} + x = 72$$

$$\Rightarrow \sqrt{337 + 24} + x = 72$$

$$\Rightarrow \sqrt{361} + x = 72$$

$$\Rightarrow x = 72 - 19 = 53$$

Question 153

$$13^2 - \sqrt{(1764)} \times \frac{\sqrt{(625)}}{21} = ?$$

A 129

B 139

C 121

D 153

E 119

Answer: E

Explanation:

$$\begin{aligned} \text{Expression : } & 13^2 - \sqrt{(1764)} \times \sqrt[21]{625} = ? \\ & = 169 - (42 \times \sqrt[21]{625}) \\ & = 169 - (2 \times 25) \\ & = 169 - 50 = 119 \end{aligned}$$

Question 154

$$150\% \text{ of } 240 + 125\% \text{ of } 1684 = [? - 345] \times 493$$

- A 350
- B 450
- C 370
- D 368
- E 410

Answer: A

Explanation:

$$\text{Expression : } 150\% \text{ of } 240 + 125\% \text{ of } 1684 = [? - 345] \times 493$$

$$\Rightarrow \left(\frac{150}{100} \times 240\right) + \left(\frac{125}{100} \times 1684\right) = (x - 345) \times 493$$

$$\Rightarrow 360 + 2105 = (x - 345) \times 493$$

$$\Rightarrow x - 345 = \frac{2465}{493}$$

$$\Rightarrow x = 5 + 345 = 350$$

Instructions

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

Question 155

$$319, 320, 347, 472, 815, ?$$

- A 1322
- B 1265
- C 1435
- D 1148
- E 1544

Answer: E

Explanation:

Cubes of consecutive odd natural numbers are added

$$319 + 1^3 = 320$$

$$320 + 3^3 = 347$$

$$347 + 5^3 = 472$$

$$472 + 7^3 = 815$$

$$815 + 9^3 = 1544$$

Question 156

12, 6.5, 7.5, 12.75, 27.5, ?

- A** 65.5
- B** 58.25
- C** 71.25
- D** 55.75
- E** 52

Answer: C

Explanation:

The pattern is :

$$12 \times 0.5 + 0.5 = 6.5$$

$$6.5 \times 1 + 1 = 7.5$$

$$7.5 \times 1.5 + 1.5 = 12.75$$

$$12.75 \times 2 + 2 = 27.5$$

$$27.5 \times 2.5 + 2.5 = \mathbf{71.25}$$

Question 157

5, 6, 14, 45, ?, 925

- A** 138
- B** 184
- C** 172
- D** 98
- E** 154

Answer: B

Explanation:

The pattern is :

$$5 \times 1 + 1 = 6$$

$$6 \times 2 + 2 = 14$$

$$14 \times 3 + 3 = 45$$

$$45 \times 4 + 4 = \mathbf{184}$$

$$184 \times 5 + 5 = 925$$

Question 158

112, 117, 127, 142, 162

- A** 214

- B** 187
- C** 194
- D** 182
- E** 205

Answer: B

Explanation:

Successive multiples of 5 are added

$$112 + 5 \times 1 = 117$$

$$117 + 5 \times 2 = 127$$

$$127 + 5 \times 3 = 142$$

$$142 + 5 \times 4 = 162$$

$$162 + 5 \times 5 = \mathbf{187}$$

Question 159

4, 7, 20, 79, ?, 2363

- A** 234
- B** 148
- C** 296
- D** 482
- E** 394

Answer: E

Explanation:

The pattern is :

$$4 \times 2 - 1 = 7$$

$$7 \times 3 - 1 = 20$$

$$20 \times 4 - 1 = 79$$

$$79 \times 5 - 1 = \mathbf{394}$$

$$394 \times 6 - 1 = 2363$$

Instructions

For the following questions answer them individually

Question 160

A, B and C started a business together. The respective ratio of investments of A and B was 3 : 5 and the respective ratio of investments of B and C was 10 : 13. If at the end of the year C received Rs. 5,876 as his share of annual profit, what was the total annual profit earned by all of them together ?

- A** Rs. 13,108
- B** Rs. 12,756
- C** Rs. 13,224
- D** Rs. 12,984

E Rs. 12,188

Answer: A

Explanation:

REASONING

Reasoning

Instructions

Study the following information carefully and answer the questions given below: In a certain code language “dress code for meeting” is written as ‘dk pd jn td’

“wear black formal dress” is written as ‘pd ro hi te’

“formal meeting this weekend” is written as ‘yi te dk yr’

“black code this weekend” is written as ‘jn yr ro yi’

(All the codes are two letter codes)

Question 161

In the given code language what does ‘te’ stand for ?

- A this
- B formal
- C dress
- D black
- E meeting

Answer: B

Explanation:

The common word in the first two statements is 'dress' coded as = 'pd'

Similarly, the common word in first and third statements is 'meeting' coded as = 'dk'

Also, the common word in first and last statements is 'code' coded as = 'jn'

=> The only word left in 1st statement is 'for' coded as = 'td'

Now, the common word in second and third statements is 'formal' coded as = 'te'

From 2nd and 4th statement, code for 'black' is = 'ro'

=> The only word left in 2nd statement is 'wear' coded as = 'hi'

Now, from the last two statements, two words are common, i.e. 'this' and 'weekend' coded as = either 'yi' or 'yr'

Thus, ‘te’ stands for = **formal**

=> Ans - (B)

Question 162

In the given code language what is the code for ‘dress’?

- A jn
- B ro

C pd

D td

E ld

Answer: C

Explanation:

The common word in the first two statements is 'dress' coded as = 'pd'

Similarly, the common word in first and third statements is 'meeting' coded as = 'dk'

Also, the common word in first and last statements is 'code' coded as = 'jn'

=> The only word left in 1st statement is 'for' coded as = 'td'

Now, the common word in second and third statements is 'formal' coded as = 'te'

From 2nd and 4th statement, code for 'black' is = 'ro'

=> The only word left in 2nd statement is 'wear' coded as = 'hi'

Now, from the last two statements, two words are common, i.e. 'this' and 'weekend' coded as = either 'yi' or 'yr'

Thus, the code for 'dress' = **pd**

=> Ans - (C)

Question 163

What does 'ro' stand for in the given code language?

A meeting

B weekend

C formal

D for

E Other than those given as options

Answer: E

Explanation:

The common word in the first two statements is 'dress' coded as = 'pd'

Similarly, the common word in first and third statements is 'meeting' coded as = 'dk'

Also, the common word in first and last statements is 'code' coded as = 'jn'

=> The only word left in 1st statement is 'for' coded as = 'td'

Now, the common word in second and third statements is 'formal' coded as = 'te'

From 2nd and 4th statement, code for 'black' is = 'ro'

=> The only word left in 2nd statement is 'wear' coded as = 'hi'

Now, from the last two statements, two words are common, i.e. 'this' and 'weekend' coded as = either 'yi' or 'yr'

Thus, 'ro' stands for = **black**

=> Ans - (E)

Question 164

Which of the following possibly means 'security code' in the given code language ?

A ux yr

B vr tc

C pd ux

D jn ux

E jn pd

Answer: D

Explanation:

The common word in the first two statements is 'dress' coded as = 'pd'

Similarly, the common word in first and third statements is 'meeting' coded as = 'dk'

Also, the common word in first and last statements is 'code' coded as = 'jn'

=> The only word left in 1st statement is 'for' coded as = 'td'

Now, the common word in second and third statements is 'formal' coded as = 'te'

From 2nd and 4th statement, code for 'black' is = 'ro'

=> The only word left in 2nd statement is 'wear' coded as = 'hi'

Now, from the last two statements, two words are common, i.e. 'this' and 'weekend' coded as = either 'yi' or 'yr'

Thus, the possible code for 'security code' = **jn ux**

=> Ans - (D)

Question 165

What is the code for 'weekend' in the given code language ?

A either yi or yr

B dk

C te

D jn

E ld

Answer: A

Explanation:

The common word in the first two statements is 'dress' coded as = 'pd'

Similarly, the common word in first and third statements is 'meeting' coded as = 'dk'

Also, the common word in first and last statements is 'code' coded as = 'jn'

=> The only word left in 1st statement is 'for' coded as = 'td'

Now, the common word in second and third statements is 'formal' coded as = 'te'

From 2nd and 4th statement, code for 'black' is = 'ro'

=> The only word left in 2nd statement is 'wear' coded as = 'hi'

Now, from the last two statements, two words are common, i.e. 'this' and 'weekend' coded as = either 'yi' or 'yr'

Thus, the code for 'weekend' = either **'yi'** or **'yr'**

=> Ans - (A)

Instructions

In each of the following questions, two statements followed by two conclusions numbered I and II have been given. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts

and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Question 166

Statements :

All drums are flutes.

All guitars are drums.

Conclusions :

I. All guitars are flutes.

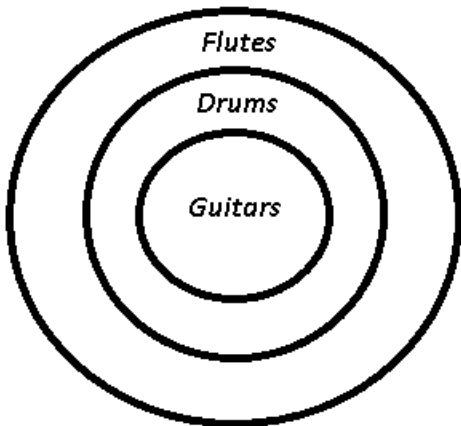
II. All drums are guitars.

- A Both Conclusions I and II follow
- B Only Conclusion I follows
- C Neither Conclusion I nor II follows
- D Only Conclusion II follows
- E Either Conclusion I or II follows

Answer: B

Explanation:

The venn diagram for above statements is :



Conclusions :

- I. All guitars are flutes = true
- II. All drums are guitars = false

Thus, only Conclusion I follows

=> Ans - (B)

Question 167

Statements :

Some speakers are guests.

No guest is a dignitary.

Conclusion :

I. No dignitary is a speaker.

II Some guests are definitely not speakers.

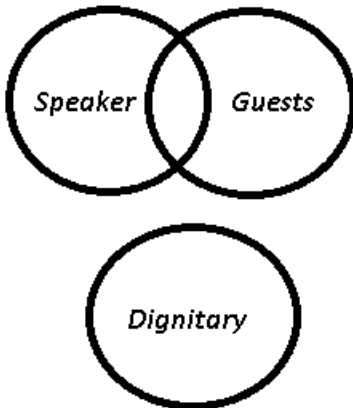
- A Only Conclusion II follows
- B Both Conclusions I and II follow
- C Either Conclusion I or II follows
- D Neither Conclusion I nor II follows

E Only Conclusion I follows

Answer: D

Explanation:

The venn diagram for above statements is :



Conclusion :

- I. No dignitary is a speaker = may or may not be true
- II Some guests are definitely not speakers = false

Thus, neither Conclusion I nor II follows.

=> Ans - (D)

Question 168

Statements :

All spades are tools.

No spade is a vessel.

Conclusions :

I. Atleast some spades are vessels.

II. No spade is a vessel.

A Either Conclusion I or II follows

B Neither Conclusion I nor H follows

C Only Conclusion II follows

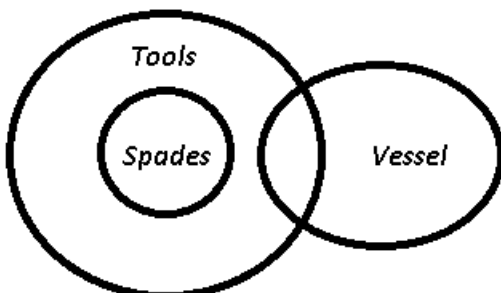
D Both Conclusions I and II follow

E Only Conclusion I follows

Answer: C

Explanation:

The venn diagram for above statements is :



Conclusions :

- I. Atleast some spades are vessels = false
- II. No spade is a vessel = true

Thus, only Conclusion II follows

=> Ans - (C)

Question 169

Statements :

All users are senders.

Some users are machines.

Conclusions :

I. Some senders are users.

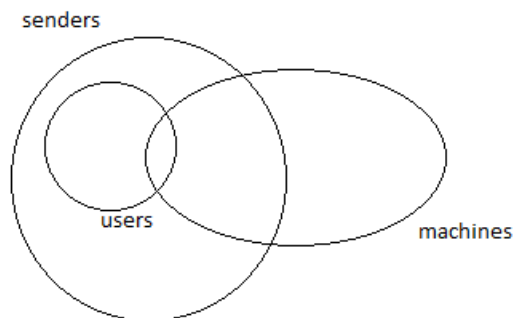
II. Some machines are senders.

- A** Both Conclusions I and II follow
- B** Only Conclusion I follows
- C** Only Conclusion II follows
- D** Either Conclusion I or II follows
- E** Neither Conclusion I nor II follows

Answer: A

Explanation:

based on above statements we can draw the following diagram



and hence from the above diagram we can conclude that both conclusion are true

Question 170

Statements :

Some cooks are employees.

Some employees are workers.

Conclusions :

I. All cooks are workers.

II. No cook is a worker.

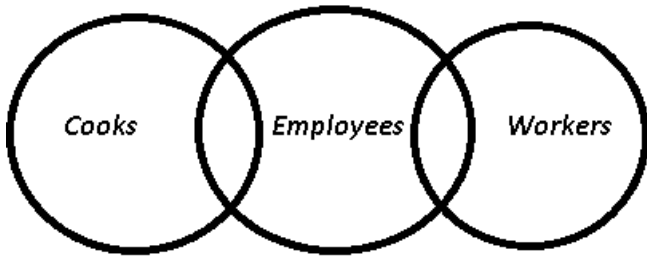
- A** Either Conclusion I or II follows
- B** Only Conclusion II follows
- C** Only Conclusion I follows
- D** Both Conclusions I and II follow

E Neither Conclusion I nor II follows

Answer: E

Explanation:

The venn diagram for above statements is :



Conclusions :

- I. All cooks are workers = false
- II. No cook is a worker = may or may not be true

Thus, neither Conclusion I nor II follows

=> Ans - (E)

Instructions

In each of the following questions, relationship between different elements is shown in the statements. The statements are followed by two Conclusions numbered I and II. Study the Conclusions based on the given statement and select the appropriate answer.

Question 171

Statements :

$$S=A \leq P > R \leq T$$

Conclusions :

I. $U > A$

II. $S \leq T$

- A** Both Conclusions are true
- B** Only Conclusion I is true
- C** Only Conclusion II is true
- D** Neither Conclusion I nor II is true
- E** Either Conclusion I or III is true

Answer: D

Question 172

Statements :

$$P \geq Q < R = M; R \geq F$$

Conclusions :

I. $M \geq F$

II. $F > P$

- A** Both Conclusions I and II are true
- B** Only Conclusion I is true
- C** Neither Conclusion I nor II is true

D Either Conclusion I or II is true

E Only Conclusion II is true

Answer: B

Question 173

Statements :

$$P \geq Q < R = M; R \geq F$$

Conclusions :

I. $F < Q$

II. $P \geq M$

A Only Conclusion I is true

B Both Conclusions I and II are true

C Neither Conclusion I nor II is true

D Either Conclusion I or II is true

E Only Conclusion II is true

Answer: C

Question 174

Statements :

$$T \geq O = I \geq L = D$$

Conclusions :

I. $D < T$

II. $D = T$

A Both Conclusions I and II are true

B Neither Conclusion I nor II is true

C Either Conclusion I or II is true

D Only Conclusion I is true

E Only Conclusion II is true

Answer: C

Question 175

Statements :

$$J < C = T \geq U \geq R = N$$

Conclusions :

I. $N < C$

II. $U > J$

A Both Conclusions I and II are true

B Neither Conclusion I nor II is true

C Only Conclusion I is true

- D Only Conclusion II is true
- E Either Conclusion I or II true

Answer: B

Instructions

For the following questions answer them individually

Question 176

If it is possible to make only one meaningful word with the first, fourth, sixth and eighth letters of the word 'SENTENCE', which could be the second letter of the word from the right end? If more than one such word can be formed give 'X' as the answer. If no such word can be formed give 'Z' as your answer.

- A N
- B T
- C Z
- D X
- E S

Answer: D

Explanation:

Word - 'SENTENCE'

1st, 4th, 6th and 8th letters = S,T,N,E

Meaningful words formed = 'SENT' , 'NEST'

Since, more than one such word can be formed, ans = X

=> Ans - (D)

Question 177

The positions of how many digits will remain the same if the digits in the number 297345618 are rearranged in the descending order within the number, from left to right?

- A None
- B Two
- C More than three
- D Three
- E One

Answer: E

Explanation:

Number - 297345618

If digits are arranged in descending order, = 987654321

Thus, position of only one number will remain the same, i.e. 7

=> Ans - (E)

Question 178

How many such pairs of letters are there in the word **CLAYED**, each of which has as many letters, between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series ?

- A None
- B One
- C Two
- D Three
- E More than three

Answer: D

Explanation:

Word - 'CLAYED'

There are 3 pairs of letters which have as many letters between them in the word as they have between them in the English alphabetical series

= (C,A) , (A,D) , (E,D)

=> Ans - (D)

Instructions

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

Eight persons C, D, E, F, G, H, I and J are seated in the straight line facing north, but not necessarily in the same order. H sits fifth to the left of D. D does not sit at any of the extreme ends of the line. Only two persons sit between H and I. E sits third to the right of J. J is not an immediate neighbour of H. C is an immediate neighbour of G. G is not an immediate neighbour of I.

Question 179

Which of the following represents persons seated at the two extreme ends of the line?

- A H, E
- B I, F
- C C, E
- D G, J
- E F, G

Answer: A

Explanation:

H sits fifth to the left of D and D does not sit at any of the extreme ends of the line, => Let H sit at the extreme left end and thus D sits third from the right end.

Only two persons sit between H and I, => I sits third to the right of H.

E sits third to the right of J and J is not an immediate neighbour of H, => J sits to the immediate left of D and E at the extreme right end.

C is an immediate neighbour of G and G is not an immediate neighbour of I, => G sits to the immediate left of I and to the immediate right of H.

The vacant place to the immediate left of E is filled by F.

H	G	C	I	J	D	F	E
---	---	---	---	---	---	---	---

H and E are seated at the two extreme ends of the line.

=> Ans - (A)

Question 180

Which of the following statement is true with respect to F as per the given arrangement ?

- A** Only one person sits between F and J
- B** Both I and D are immediate neighbours of F
- C** None of the given options is true
- D** Only two people sit to the right of F
- E** F sits second to the left of E

Answer: A

Explanation:

H sits fifth to the left of D and D does not sits at any of the extreme ends of the line, => Let H sits at the extreme left end and thus D sits third from the right end.

Only two persons sit between H and I, => I sits third to the right of H.

E sits third to the right of J and J is not an immediate neighbour of H, => J sit to the immediate left of D and E at the extreme right end.

C is an immediate neighbour of G and G is not an immediate neighbour of I, => G sits to the immediate left of I and to the immediate right of H.

The vacant place to the immediate left of E is filled by F.

H	G	C	I	J	D	F	E
---	---	---	---	---	---	---	---

The only true statement is that only one person sits between F and J.

=> Ans - (A)

Question 181

If all the given people are made to sit in alphabetical order from left to right, the positions of how many of them will remain unchanged?

- A** Two
- B** Three
- C** Four
- D** None
- E** One

Answer: D

Explanation:

H sits fifth to the left of D and D does not sits at any of the extreme ends of the line, => Let H sits at the extreme left end and thus D sits third from the right end.

Only two persons sit between H and I, => I sits third to the right of H.

E sits third to the right of J and J is not an immediate neighbour of H, => J sit to the immediate left of D and E at the extreme right end.

C is an immediate neighbour of G and G is not an immediate neighbour of I, => G sits to the immediate left of I and to the immediate right of H.

The vacant place to the immediate left of E is filled by F.

H	G	C	I	J	D	F	E
---	---	---	---	---	---	---	---

If all the given people are made to sit in alphabetical order from left to right, the positions of none of them will remain unchanged.

=> Ans - (D)

Question 182

What is the position of J with respect to H?

- A Fifth to the right
- B Third to the right
- C Second to the right
- D Second to the left
- E Fourth to the right

Answer: E

Explanation:

H sits fifth to the left of D and D does not sit at any of the extreme ends of the line, => Let H sit at the extreme left end and thus D sits third from the right end.

Only two persons sit between H and I, => I sits third to the right of H.

E sits third to the right of J and J is not an immediate neighbour of H, => J sit to the immediate left of D and E at the extreme right end.

C is an immediate neighbour of G and G is not an immediate neighbour of I, => G sits to the immediate left of I and to the immediate right of H.

The vacant place to the immediate left of E is filled by F.

H	G	C	I	J	D	F	E
---	---	---	---	---	---	---	---

J sits 4th to the right of H.

=> Ans - (E)

Question 183

How many persons are seated between G and F ?

- A One
- B Five
- C Four
- D Three
- E Two

Answer: C

Explanation:

H sits fifth to the left of D and D does not sit at any of the extreme ends of the line, => Let H sit at the extreme left end and thus D sits third from the right end.

Only two persons sit between H and I, => I sits third to the right of H.

E sits third to the right of J and J is not an immediate neighbour of H, => J sits to the immediate left of D and E at the extreme right end.

C is an immediate neighbour of G and G is not an immediate neighbour of I, => G sits to the immediate left of I and to the immediate right of H.

The vacant place to the immediate left of E is filled by F.

H	G	C	I	J	D	F	E
---	---	---	---	---	---	---	---

4 persons are seated between G and F.

=> Ans - (C)

Question 184

Who amongst the following sits exactly in the middle of the persons who sit fourth from the left and third from the right?

A D

B J

C F

D I

E G

Answer: B

Explanation:

H sits fifth to the left of D and D does not sit at any of the extreme ends of the line, => Let H sit at the extreme left end and thus D sits third from the right end.

Only two persons sit between H and I, => I sits third to the right of H.

E sits third to the right of J and J is not an immediate neighbour of H, => J sits to the immediate left of D and E at the extreme right end.

C is an immediate neighbour of G and G is not an immediate neighbour of I, => G sits to the immediate left of I and to the immediate right of H.

The vacant place to the immediate left of E is filled by F.

H	G	C	I	J	D	F	E
---	---	---	---	---	---	---	---

I sits 4th from the left and D sits 3rd from right, and J sits between I and D.

=> Ans - (B)

Instructions

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

Eight persons- M, N, O, P, W, X, Y and Z are sitting around a circular table facing the centre, with equal distances between each other but not necessarily in the same order. M sits second to the left of O. P is an immediate neighbour of O and W. Only three persons sit between O and Y. X sits to the immediate right of W. Z is neither an immediate neighbour of W nor O.

Question 185

**What will come in the place of question mark (?) in the following series based on the given arrangement ?
MZ PW YN NY ?**

- A** WP
- B** XN
- C** WX
- D** XY
- E** WY

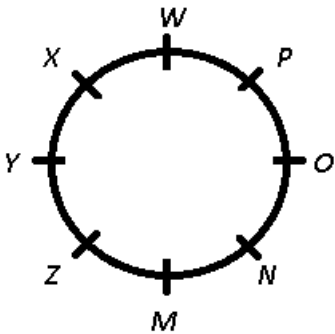
Answer: A

Explanation:

M sits second to the left of O. Only three persons sit between O and Y, => O sits opposite Y and second to the left of M.

P is an immediate neighbour of O and W. X sits to the immediate right of W, => P sits to the immediate left of W and O to the immediate left of P.

Z is neither an immediate neighbour of W nor O, => Z sits to the immediate left of M and the vacant place is filled by N, i.e. to the immediate right of M.



Series : MZ PW YN NY ?

1st person : M (+3 positions) = P (+3 positions) = Y (+3 positions) = N (+3 positions) = W

2nd person : Z (-3 positions) = W (-3 positions) = N (-3 positions) = Y (-3 positions) = P

Thus, missing term = **WP**

=> Ans - (A)

Question 186

Which of the following pair represents the immediate neighbours of M ?

- A** X, W
- B** P, Y
- C** Y, Z
- D** Z, W
- E** Z, N

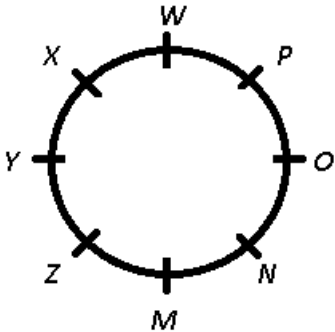
Answer: E

Explanation:

M sits second to the left of O. Only three persons sit between O and Y, => O sits opposite Y and second to the left of M.

P is an immediate neighbour of O and W. X sits to the immediate right of W, => P sits to the immediate left of W and O to the immediate left of P.

Z is neither an immediate neighbour of W nor O, => Z sits to the immediate left of M and the vacant place is filled by N, i.e. to the immediate right of M.



Z and N are the immediate neighbours of M.

=> Ans - (E)

Question 187

Which of the following statements is true as per the given arrangement ?

- A X is an immediate neighbour of Y
- B Z sits second to the right of W
- C Y sits to the immediate left of M
- D P sits second to the right of X
- E None of the given options is true

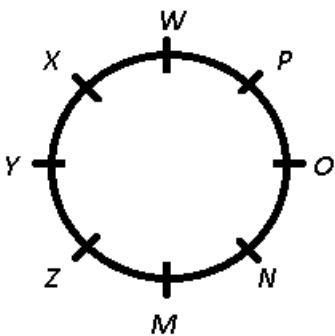
Answer: A

Explanation:

M sits second to the left of O. Only three persons sit between O and Y, => O sits opposite Y and second to the left of M.

P is an immediate neighbour of O and W. X sits to the immediate right of W, => P sits to the immediate left of W and O to the immediate left of P.

Z is neither an immediate neighbour of W nor O, => Z sits to the immediate left of M and the vacant place is filled by N, i.e. to the immediate right of M.



The only true statement is that X is an immediate neighbour of Y.

=> Ans - (A)

Question 188

How many persons sit between M and W as per the given arrangement ?

- A** None
- B** Four
- C** Three
- D** Two
- E** One

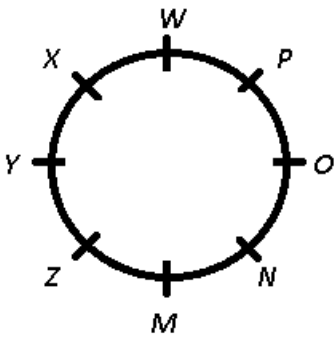
Answer: C

Explanation:

M sits second to the left of O. Only three persons sit between O and Y, => O sits opposite Y and second to the left of M.

P is an immediate neighbour of O and W. X sits to the immediate right of W, => P sits to the immediate left of W and O to the immediate left of P.

Z is neither an immediate neighbour of W nor O, => Z sits to the immediate left of M and the vacant place is filled by N, i.e. to the immediate right of M.



There are 3 people sitting between M and W.

=> Ans - (C)

Question 189

Who amongst the following sits third to the left of P ?

- A** Y
- B** M
- C** O
- D** Z
- E** N

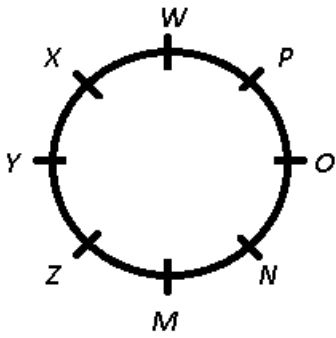
Answer: B

Explanation:

M sits second to the left of O. Only three persons sit between O and Y, => O sits opposite Y and second to the left of M.

P is an immediate neighbour of O and W. X sits to the immediate right of W, => P sits to the immediate left of W and O to the immediate left of P.

Z is neither an immediate neighbour of W nor O, => Z sits to the immediate left of M and the vacant place is filled by N, i.e. to the immediate right of M.



M sits third to the left of P.

=> Ans - (B)

Question 190

Four of the following five are alike in a certain way and so form a group. Which of the following does not belong to the group ?

- A O,M
- B W, O
- C N,Z
- D N, X
- E Y, W

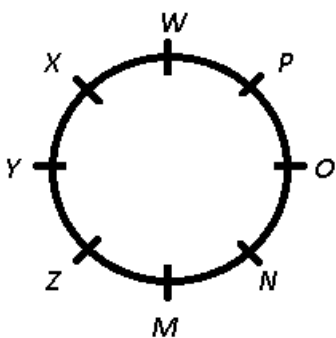
Answer: D

Explanation:

M sits second to the left of O. Only three persons sit between O and Y, => O sits opposite Y and second to the left of M.

P is an immediate neighbour of O and W. X sits to the immediate right of W, => P sits to the immediate left of W and O to the immediate left of P.

Z is neither an immediate neighbour of W nor O, => Z sits to the immediate left of M and the vacant place is filled by N, i.e. to the immediate right of M.



In the given pairs, there is only one person sitting between them, except for N and X where 3 people are sitting.

=> Ans - (D)

Instructions

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

3 9 2 4 7 5 9 2 8 1 4 9 5 3 1 6 5 7 3 4 2 9 8 1 3 6 2 8 1 7 5 4 5

Question 191

How many such 2s are there in the given arrangement, each of which is immediately followed by a perfect square?

- A** More than three
- B** Three
- C** One
- D** Two
- E** None

Answer: D

Explanation:

We need to find 2's which are immediately followed by a perfect square

= (2) (perfect square)

= 3 9 **2 4** 7 5 9 2 8 1 4 9 5 3 1 6 5 7 3 4 **2 9** 8 1 3 6 2 8 1 7 5 4 5

Thus, there are two such 2's.

=> Ans - (D)

Question 192

If all the even digits are deleted from the given arrangement, which of the following will be tenth from the right end of the arrangement ?

- A** 3
- B** 1
- C** 5
- D** 7
- E** 9

Answer: C

Explanation:

If all the even digits are deleted from the given arrangement, then :

3 9 7 5 9 1 9 5 3 1 5 7 3 9 1 3 1 7 5 5

10th from right end = 5

=> Ans - (C)

Question 193

How many such 4s are there in the given arrangement, each of which is immediately followed by a digit which has a numerical value of more than four ?

- A** More than three
- B** One
- C** None

- D Two
- E Three

Answer: E

Explanation:

We need to find 4's which are immediately followed by a digit which has a numerical value of more than four

= (4) (>4)

3 9 2 **4 7** 5 9 2 8 1 **4 9** 5 3 1 6 5 7 3 4 2 9 8 1 3 6 2 8 1 7 5 **4 5**

Thus, there are three such 4's.

=> Ans - (E)

Question 194

Which of the following is seventh to the left of the seventeenth digit from the left end of the given arrangement ?

- A 1
- B 9
- C 4
- D 8
- E 5

Answer: A

Explanation:

Series : 3 9 2 4 7 5 9 2 8 **1** 4 9 5 3 1 6 **5** 7 3 4 2 9 8 1 3 6 2 8 1 7 5 4 5

17th digit from left end = 5

7th to the left of 5 = 1

=> Ans - (A)

Question 195

How many such 3s are there in the given arrangement, each of which immediately preceded by an odd digit and also immediately followed by an even digit ?

- A Three
- B Two
- C More than three
- D None
- E One

Answer: B

Explanation:

We need to find 3's which are immediately preceded by an odd digit and also immediately followed by an even digit

= (odd) (3) (even)

3 9 2 4 7 5 9 2 8 1 4 9 5 3 1 6 5 **7 3 4 2 9 8 1 3 6 2 8 1 7 5 4 5**

Thus, there are two such 3's.

=> Ans - (B)

Instructions

For the following questions answer them individually

Question 196

If the letter 'F' is added before each of the given words, how many of them will form meaningful English words ?

- A One
- B More than three
- C None
- D Two
- E Three

Answer: D

Explanation:

If the letter 'F' is added before each of the given words, then new words :

FACT , FSHY , FEON , **FACE** , FWEB

Only 2 meaningful words are formed.

=> Ans - (D)

Question 197

If the first and second letter of each of the given words are interchanged, then which of the following will become a meaningful English word ?

- A EON
- B ACE
- C ACT
- D SHY
- E WEB

Answer: C

Explanation:

If the first and second letter of each of the given words are interchanged, then new words :

CAT , HSY , OEN , CAE , EWB

Thus only meaningful word that is formed is CAT \equiv ACT

=> Ans - (C)

Question 198

If the first and third letters of each of the given words is changed to the next letter in the English alphabetical series, how many of them will have atleast two vowels (same of different vowels) ?

- A None
- B One
- C Three
- D Two
- E Four

Answer: B

Explanation:

If the first and third letters of each of the given words is changed to the next letter in the English alphabetical series, then new words :

BCU , THZ , **FOO** , BCF , XEC

Only 1 word has at least 2 vowels, i.e. 'O'.

=> Ans - (B)

Question 199

In a certain code the word 'DOUBT' is written as '\$#35*' and the word 'BONES' is written as '5#@67'. How is the word 'STONE' written in this code ?

- A 7@53#
- B 7*53#
- C \$673@
- D *753#
- E None of these

Answer: E

Explanation:

'DOUBT' is written as '\$#35*' and 'BONES' is written as '5#@67'

The code for each letter is given :

- S -> 7
- T -> *
- O -> #
- N -> @
- E -> 6

Thus, STONE : **7*#@6**

=> Ans - (E)

Question 200

Among five friends A, B, C, D and E each running at a different speed in a race, who ran the second slowest ? E ran faster than only two friends. A ran faster than D but slower than B. B did not run the fastest.

- A D
- B B
- C C

D Cannot be determined

E A

Answer: E

Explanation:

E ran faster than only two friends, \Rightarrow E is the third fastest runner.

A ran faster than D but slower than B, $\Rightarrow B > A > D$.

B did not run the fastest, \Rightarrow C ran the fastest.

Combining above possibilities, we get :

$\therefore \mathbf{C > B > E > A > D}$

Thus, A ran the second slowest.

\Rightarrow Ans - (E)