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Verbal Ability

Instructions

Study the passages below and answer the questions that follow each Passage.

Passage I: The composer Wolfgang Amadeus Mozart's remarkable musical talent was apparent even before most children can sing a simple nursery rhyme. Wolfgang's older sister Maria Anna (who the family called Nannerl) was learning the clavier, an early keyboard instrument, when her three-year-old brother took an interest in playing. As Nannerl later recalled, Wolfgang "often spent much time at the clavier picking out thirds, which he was always striking, and his pleasure showed that it sounded good." Their father Leopold, an assistant concertmaster at the Salzburg Court, recognized his children's unique gifts and soon devoted himself to their musical education.

Born in Salzburg, Austria, on January 27, 1756, Wolfgang had composed his first original work by age five. Leopold planned to take Nannerl and Wolfgang on tour to play before the European courts. Their first venture was to nearby Munich where the children played for Maximillian III Joseph, elector of Bavaria. Leopold soon set his sights on the capital of the Hapsburg Empire, Vienna. On their way to Vienna, the family stopped in Linz, where Wolfgang gave his first public concert. By this time, Wolfgang was not only a skilled harpsichord player, but he had also mastered the violin. The audience at Linz was amazed by the six-year-old, and word of his genius soon traveled to Vienna. In a much attended concert, the Mozart children appeared at the Schonbrunn Palace on October 13, 1762. They completely attracted the emperor and empress.

Following this success, Leopold received a lot of invitations for the children to play, for a fee. Leopold seized the opportunity and booked as many concerts as possible at courts throughout Europe. A concert could last three hours, and the children played at least two per a day. Today, Leopold might be considered the worst kind of stage parent, but at the time, it was not uncommon for prodigies to make extensive concert tours. Even so, it was an exhausting schedule for a child who was just past the age of needing an afternoon nap.

Question 1

According to the passage. Wolfgang became interested in music because

A   his father thought it would be profitable

B   he had a natural talent.

C   he saw his sister learning to play an instrument.

D   he came from a musical family.

Answer: E

Question 2

What was the consequence of Wolfgang's first public appearance?

A   He charmed the emperor and empress of Hapsburg.

B   Word of Wolfgang's genius spread to the capital.

C   Leopold set his sights on Vienna.

D   Invitations for the miracle children to play poured in.

Answer: E

Question 3

Each of the following statements about Wolfgang Mozart is directly supported by the passage except
_____.

A   Mozart's father, Leopold, was instrumental in shaping his career. B   Maria Anna was also talented in musician in her own right. C   Wolfgang's childhood was devoted to his musical career.

D   Wolfgang preferred the violin to other instruments. Answer: E

Question 4

According to the Passage, during Wolfgang's early years child prodigies were

A   few and far between.

B   accustomed to extensive concert tours.

C   expected to spend at least six hours in a day practicing their music

D   expected to play for courts throughout Europe

Answer: E

Question 5 Based on the information found in the paasage,Mozart can be described as

A   a child prodigy

B   a work alcoholic

C   the greatest composer of 18th century

D   a victim of his father ambition Answer: E

Instructions

Study the passages below and answer the questions that follow each Passage.

Passage II:

Saving energy means saving money. Homeowners and renters know this basic fact, but they often don't know what kinds of adjustments they can make in their homes and apartments that will result in savings. For those willing to spend some time and money, to reap long-term energy savings, an energy audit is the way to go. An energy auditor will come into your home and assess its energy efficiency. The auditor will pinpoint areas of your home that use the most energy and offer solutions to lower your energy use and costs. Trained energy auditors know what to look for and can locate a variety of flaws that maybe resulting in energy inefficiency, including inadequate insulation, construction flaws, and

uneven heat distribution. There are (quicker and less costly measures that can be taken as well. One way to save money is to replace incandescent lights with fluorescents. This can result in a savings of more than 50% on your monthly lighting costs. When it's time to replace old appliances, it's wise to spend a bit more for an energy efficient model, and be sure that you are taking advantage of energy-saving settings already on your current refrigerator, dishwasher, washing machine, or dryer. Windows provide another opportunity to cut your energy costs. Caulk old windows that might be leaky to prevent drafts, and choose double - paned windows if you're building an addition or replacing old windows. Most areas-of your home or apartment offer opportunities to save energy and money. The results are significant and are well worth the effort.

Question 6

Which two main organizational schemes can be identified in this passage?

A   Hierarchical order and order by topic.

B   Order by topic and cause and effect.

C   Hierarchical order and chronological order.

D   Chronological order and compare and contrast.

Answer: E

Question 7

Which of the following ideas is NOT included in the passage?

A   You reduce your $130 monthly lighting cost to $65 by using fluorescent bulbs instead of incandescent.

B   Double panned windows can cut energy cost.

C   Your local energy company will send an energy auditor at your request.

D   Some Appliances will have energy saving settings

Answer: E

Question 8

Which of the following best expresses the main idea of this passage?

A   They are many things a home owner or renter can do to save energy and money

B   Hiring an energy auditor will save energy and money

C   Homeowners and renters don't know what they can do to save energy and money

D   Replacing windows and light bulbs are well worth the effort and cost Answer: E

Question 9

According to the following passage, Which of the following would an energy auditor Not do?

A   Check for construction flaws

B   Look for problems with heat distribution.

C   Offers solutions to lower your energy costs.

D   Locate a variety of flaws that may result in energy inefficiency and fix them.

Answer: E

Question 10

According to the passage, double panned windows

A   are energy efficient.

B   should only be used as replacement windows.

C   Should only be used in new addition to homes.

D   will lower your heating cost by 50 %

Answer: E

Instructions Choose the word which is opposite in meaning of the underlined word.

Question 11 Nourishing food is a necessity both for a pregnant mother and a baby.

A   Unhygienic

B   Poor

C   Undercooked

D   Heavy

Answer: E

Question 12

A feeling of brotherhood should be propagated amongst the masses.

A   disseminated

B   Suppresses

C   dissipated

D   crushed

Answer: E

Question 13

We must realise the futility of wars.

A   urgency

B   usefullness

C   value

D   Importance

Answer: E

Question 14

His punctuality and regularity propitiates everyone with whom he deals

A   depresses

B   excites

C   enrages

D   appeases

Answer: E

Question 15

The problem of dowry in our country has assumed gargantuan proportions

A   negligible

B   bearable

C   minute

D   minimal

Answer: E

Instructions

Choose the word which is nearest in meaning to the underlined word. Question 16 We arrived safely at the quay and went ashore.

A   Peninsula

B   Wharf

C   target

D   island

Answer: E

Question 17

Editors are known to be pernickety about grammar.

A   Spiteful

B   careful

C   fussy

D   ignorant

Answer: E

Question 18

I rather like the quaint little house at the end of the street.

A   old

B   quiet

C   haunted

D   unusual

Answer: E

Question 19

Some of the discoveries of modem science are simply marvelous.

A   praise worthy

B   commendable

C   amazing

D   admirable

Answer: E

Question 20

The football coach had a sympathetic presence, albeit a commanding one.

A   although

B   futher more

C   because

D   not only Answer: E

Instructions

Choose the option which best expresses the meaning of the underlined idiom/phrase in the sentence.

Question 21

His father advised him to be fair and square in his dealings lest he should fall into trouble.

A   Considerate

B   Upright

C   Careful

D   Polite

Answer: E

Question 22

He burnt his fingers by interfering in his neighbor's affairs.

A   got rebuked

B   got himself insulted

C   burnt himself

D   got himself in to trouble

Answer: E

Question 23

He is temporarily in charge of the company and is trying to feather his nest.

A   raise the image of the company

B   bring ordained discipline in the company

C   act for his own future benefits

D   diversify the product of the company

Answer: E

Question 24

He was in a brown study and did not seem to catch my point.

A   in his study room

B   absorbed in reading

C   absent-minded

D   in a state of shock

Answer: E

Question 25

The class could not keep a straight face on hearing the strange pronounciation of the new teacher.

A   remain serious

B   remain unaffected

C   remain silent

D   remain indifferent

Answer: E

Instructions

Fill in the blank.

Question 26

They were disappointed to see the armed guards. It .... them from doing anything disruptive

A   inspired

B   prevented

C   encouraged

D   irritated

Answer: E

Question 27

The ...... politician thought that all bureaucrats should be polite to him.

A   Insolent

B   Merciless

C   Civilized

D   docile

Answer: E

Question 28

Paula was..... a child, accepting without a question, everything she was told.

A   reticent

B   taciturn

C   recalcitrant

D   credulous

Answer: E

Question 29

The route between the two cities has always been known to wind its .... way through steep mountain passes and coarse terrain.

A   easy

B   smooth

C   elusive

D   tortuous

Answer: E

Question 30

As there were not enough seats to........... so many people at the venue of the address, they had to put up a big tent outside.

A   entertain

B   ascerin

C   welcome

D   accommodate

Answer: E

Instructions

Choose the order of the sentences marked A, B, C and D to form a Logical paragraph.

Question 31

A. Its aim was.10. remove from dance, any external associations, so that the dancers could concentrate on pure movement and pure pattern.

B. Abstract dance was the name of a specific style of ballet, devised in the 1920s and developed at the bahaus.

C. Ballroom dancing, for example, is concerned with the pleasure the movement and pattern-making give to the dancers, and not with some external'programme'.

D. Jn the widersense, a great deal of danceis 'abstract'.

A   DBAC

B   BADC

C   BDCA

D   BDAC

Answer: E

Question 32 A. In those countries where the ideals of liberty and equality have received the greatest devotion, and particularly in America, the political constitution has been framed with the precise object of making impossible too great a concentration of power. B. A philosophy that emphasizes the likeness

of all men will be averse from recognizing those exceptional qualities in any individual which place him so clearly above his fellows that he may justly claim to lead and influence them. C. A different though related strand of thought is equalitarian. D. Further, when circumstances make it necessary for a particular individual to display qualities of leadership in a very high degree, his position is under constant and bitter attack on the score of dictatorship, and it is necessary for him to conceal his qualities, consciously, behind a facade of 'ordinariness'.

A   CBAD

B   CABD

C   CDAB

D   DCAB Answer: E

Question 33

A. It has removed many of the material obstacles té_the pursuit of the good life from the majority f mankind in those countries at a high level of technical development.

B. Butt has exposed us to new dangers, not the obvious dangers of new weapons of destruction but the much more serious ones, of a purely materialist view of life.

C. The growth of science and technology has conferred obvious and immense benefits upon the community.

D. It has also, as we too often forget, made possible new and daring adventures of the mind

A   CADB

B   ABDC

C   ACBD

D   CDBA

Answer: E

Question 34

A. There are manifest dangers in thé: persuasive aspect of leadership.

B. It is alarming, for example, to.reflect how great a part the power to speak well has acquired in an age of broadcasting.

C. It is quite possible formerto feel that they are freely giving their allegiance to a leader, when gefually they are simply slaves of his techniques of propaganda.

D.At its Lowest the technique of the persuasion may involve all those devices of suggestion and propaganda where are so freely available to the unsculpurous in a scientific age.

A   ABDC

B   ACBD

C   CDBA

D   ADBC

Answer: E

Question 35

A. The leader should possess high Intelligence

B. The reasons for th) frequent neglect of intelligence as a prerequisite of leadership are complex.

C. It is certaipl¥ true to say that this is more commonlyunderrated than anyother aspect of leadership

D.There is First, a general Misunderstanding of such a phrase as of very high intelligence.

A   ABCD

B   ACBD

C   DABC

D   DBAC

Answer: E

Instructions

For each of the following questions, a part or the whole of the original sentence has been underlined. You have to find the best way of writing the underlined part of the sentence.

Question 36

The matter was referred back to expert committee since the solution to the problem was different from the one proposed earlier.

A   Referred back to expert committee since the solution to the problem was different from the one proposed earlier.

B   Referred to expert committee since the solution to the problem was different from the one proposed earlier.

C   Referred back to expert committee since the solution to the problem was different than the one proposed earlier.

D   Referred to expert committee since the solution to the problem was different than the one proposed earlier.

Answer: E

Question 37

Completing the physical examination, the tonsils were found to be diseased.

A   Completing the physical examination, the tonsils.

B   Having completedthe physical examination, the tonsi

C   When the physical examination was completed,thetonsils

D   The physical examination completed, the tonsils

Answer: E

Question 38

Reared in a village where computers and the internet were objects of curiosity, purty today hardly gives a thought to the immense possibilities that the internet revolution has thrown open to him.

A   Reared in a village where computers and the internet were objects of curiosity

B   Curious to knowthat computers and(the internet were objects of curiosity in the village he was reared up

C   Being reared in the village where the computers andthe internet are objects of curiosity

D   Reared in a village where computers andthe intemet were an object of curiousness.

Answer: E

Question 39

In the attempt to destroy them, with completeness, the Indian team has launched a coordinated attack on the opposing team.

A   In the attempt to destroy) them with completeness

B   In attempting to destroy them completely

C   In an attempt to destroy them completely

D   In the attempt of destroying them completely

Answer: E

Question 40

Balancing a home delivery pizza with one hand and gripping a six-pack carton of Coke with another, the young boy Vijay, paused in front of guard room of the building.

A   Balancing a home delivery pizza with one hand and gripping a six-pack carton of Coke with another

B   Balancing a home delivery pizza with one hand and having gripped a six-pack carton of Coke with another

C   Having a balance of a home delivery pizza with one hand and gripping a six-pack of carton of Coke with the another

D   Balancing a home delivery pizza with one hand and gripping a pack of six Cokes with the other

Answer: E

Reasoning and Logical ability

Instructions

Read the following information carefully to answer these following questions

There are six writers of literature A, B, C, D, E and F. Two belong to the 17th century, three to the 19th century and one to the 20th century. Four were recognized as great poets, three as great novelists and three as great dramatists. One contributed to Bengali, two to Hindi, two to Marathi and one to the Tamil literature. The 20th century writer wrote poetry only and contributed to Marathi literature and the other Marathi writer contributed to poetry, novel and drama. One Hindi writer, and the only Tamil writer belonged to the 19th century. The former contributed to poetry and novel while the latter to novel and drama. The Bengali writer belonged to the 17th century and contributed to poetry only. A belonged to the 20th century, B wrote drama only, C contributed to Marathi literature, D was a Hindi poet and novelist and belonged to the 19th century. E also belonged to the 19th century, and F contributed poetry only.

Question: 41

Writer A contributed to which branch of literature?

A   Poetry

B   Novel

C   Drama

D   All of these

Answer: E

Question: 42

Who was the Bengali writer among the following?

A   A

B   C

C   B

D   F

Answer: E

Question 43

Writer C contributed to which branch of literature ?

A   Poetry

B   Novel

C   Drama

D   All of these

Answer: E

Question 44

Writer B contributed to which language

A   Bengali

B   Hindi

C   Marathi

D   Tamil

Answer: E

Question 45

Who was the tamil writer among the following?

A   A

B   D

C   E

D   C

Answer: E

Instructions

Study the following information to answer these questions.

An organization consists of 1500 employees. The ratio of males to females is 17 : 13. All the employees work at five different floors named F1, F2, F3, F4 and F5. 28% of females are at floor F1. 18% of the males work at floor F2. One-fifth of the males work at floor-F5. The ratio of females to males at floor F2 is 2 : 3. And 25% of the total numbers of employees are at floor F3. Females working at floor F5 are 60% of the males working at the same floor. 18% of the females are at floor F4, The remaining females are at floor F3. 16% of the males work at floor F1 and the remaining males are working at floor F4

Question 46

what is the number of males working at floor f3?

A   136

B   228

C   253

D   163

Answer: E

Question 47

Number of males working at floor F4, form what percent of the number of females working the same floor?

A ı45.52

B 169.12

C 123.42

D 139.32

Answer: E

Question 48

What is the number of females working at floor F5?

A 147

B 182

C 102

D 117

Answer: E

Question 49

Number of males working at floor F1; form approximately what percent of total number of employees employees in the organisation

A 9

B 13

C 18

D 22

Answer: E

Instructions

Study the information to answer these questions. In a city there are six modes of transport available A, B, C, D, E and F for commuting. Out of a total number of commuters commuting daily in the city, 17171 commute only by A. 7359 commute only by B and 22077 commute only by C. 1471.8 commute only by D, 4906 commute only by E and 7359 commute only by F. 26983 commute by C as well as A , 9812 commute by E as well as A. 12265 commute by C as well as E daily. Assume that there is no overlap between the commuters of different modes (and their combination) of transport.

Question 50

The total number of commuters commuting by A form _____ percent of the total number of commuters commuting daily.

A   44

B   22

C   14

D   36

Answer: E

Question 51

What is the difference in percentage of commuters commuting by E andthat of B and F taken together?

A   22

B   25

C   12

D   10

Answer: E

Question 92

The total number of commuters commuting by D and B together form ___ percent of the total number of commuters commuting daily.

A   12

B   18

C   6

D   16

Answer: E

Question 93

A majority commuters in the city use ..... mode of transport.

A   A

B   B

C   C

D   D

Answer: E

Question 54

The number of commuters commuting by B,D and F taken together form .... percent of the total number of commuters commuting daily by A,C and E taken together ?

A   20.6

B   18.22

C   13.20

D   16.23

Answer: E

Instructions

Each of the following has an aasertion (A) and a reason (R).Mark answer as

Question 55

Assertion (A): President of India is the head of the State.

Reason (R): Parliament of India consists of the President, Lok Sabha and Rajya Sabha.

A   if both (A) and (R) are true and (R) is the correct explanation of (A)

B   if both (A) and (R) are true and (R) is not the correct explanation of (A)

C   if (A) is true but (R) is false

D   if (A) is false but (R) is true

Answer: E

Question 56

Assertion (A): Indus valley people knew the art of navigation

Reason (R): Indus Valley seals indicate prevalence of overseas trade.

A   if both (A) and (R) are true and (R) is the correct explanation of (A)

B   if both (A) and (R) are true and (R) is not the correct explanation of (A)

C   if (A) is true but (R) is false

D   if (A) is false but (R) is true

Answer: E

Question 57

Assertion (A): A person with blood group O is considered a universal recipient

Reason (R): Type O blood does not contain any antigens.

A   if both (A) and (R) are true and (R) is the correct explanation of (A)

B   if both (A) and (R) are true and (R) is not the correct explanation of (A)

C   if (A) is true but (R) is false

D   if (A) is false but (R) is true

Answer: E

Instructions

In each of these questions, two statements I and II are given. These may have a cause and effect relationship or may have, independent causes or be the effects of independent causes. Read the statements and mark answer as

Question 58

Statement I: A mobile phone,if i kept on during an air flight, can actually disrupt the plane's electronic systems and eventually lead to a crash, a study has revealed. Older planes are most at risk to mobiles, Laptops and iPads.

Statement II: One case involved a Boeing 747 flying at a height of 4500 feet whose pilot disengaged, by itself. When the flight attendants went through the cabin, they found four passengers using their cell phones. Once these were switched off. the flight carried on without any problem.

A   if statement I is the cause and statement II is its effect.

B   if statement II is the cause and statement I is its effect.

C   if both the statements I and II are effects of independent causes.

D   if both the statements I and II are effects of some common cause.

Answer: E

Question 59

Statement I: Indian women don't believe in donating blood. According to the first ever data bank on gender distribution of blood donors, India has only 6 percent blood donations by women.The rest 94% were male donors.

Statement II: Just twenty five countries in the world collect more than 40% of their blood supplies from female doctors,these include Australia, US, Thailand, Swaziland, Portugal, New Zealand, Mongolia, Zimbabwe, etc

A   if statement I is the cause and statement II is its effect.

B   if statement II is the cause and statement I is its effect.

C   if both the statements I and II are effects of independent causes.

D   if both the statements I and II are effects of some common cause.

Answer: E

Question 60

Statement I: Six months after Glaxo Smith Kline (GSK) consumer health care India brought in its global oral care brand sensodyne to the Indian market, sensodyne has garneyed a 10% share of the sensitive tooth paste market.

Statement II: GSK has not only invested heavily in the advertising and promotion of the brand but has contacted 15000 dentist in two months and in keen on building on the sensodyne equity .

A   if statement I is the cause and statement II is its effect.

B   if statement II is the cause and statement I is its effect.

C   if both the statements I and II are effects of independent causes.

D   if both the statements I and II are effects of some common cause.

Answer: E

Instructions

Each of these questions has a statement followed by two conclusions I and II. Consider the statement and the following conclusions. Decide which of the conclusions follows from the statement. Mark answer as

Question 61

Statement: Parents are prepared to pay any price for an elite education to their children.

Conclusions:

I.   All parents these days are very well off.
II.   Parents have an obsessive passion for a perfect development of their children through good schooling.

A   if conclusion I follows

B   if conclusion II follows

C   if neither conclusion I nor II follows

D   if both conclusions I and II follow

Answer: E

Question 62

Statement: For over three decades 'A' has been totally involved in energy conservation, its efficient use and management.

Conclusions:

I.   There is a lot of development in the society.

II.   Power rates have become cheaper.

A   if conclusion I follows

B   if conclusion II follows

C   if neither conclusion I nor II follows

D   if both conclusions I and II follow

Answer: E

Question 63

Statement: Wind is an inexhaustible source of energy and an aero-generator can convert it into electricity .Thought much has been done in this field, the survey shows that there is vast potential for developing wind as alternative source of Energy.

Conclusions:

I.   Energy by wind is comparatively newly emerging field.

II.   The energy crisis can be dealt by exploring more in the field of aero-generation.

A   if conclusion I follows

B   if conclusion II follows

C   if neither conclusion I nor II follows

D   if both conclusions I and II follow .

Answer: E

Instructions

For the following questions answer them individually

Question 64

In a certain code, TOGETHER is written as RQEGRJCT. In the same code, PAROLE will be written as

A   NCPQJG

B   NCQPJG

C   RCPQJK

D   RCTQNG

Answer: E

Question 65

If 'cinto baoli tsi nzro' means 'her village is Sarurpur', 'mhi cinto keepi tsi oind' means 'her first love is literature' and 'oind geit tsi cinto pki ' means 'literature and 'oind geit tsi cinto pki' means 'literature collection is her hobby ',which word would mean literature "?

A   cinto

B   baoli

C   oind

D   geit

Answer: E

Question 66

Pointing to a photograph,a woman says ,"this man's sons sister is my mother-in-law ".How is the woman's husband related to man in the photograph ?

A   Grandson

B   Son

C   Son-in-law

D   Nephew

Answer: E

Question 67

Four girls are sitting on a bench ibe photographed. Shikha is to the left of Reena, Manju is to the right of Reena, Rity is between Reena and Manju. Who would be second fromtheleft in the photograph?

A   Reena

B   Shikha

C   Manju

D   Rita

Answer: E

Question 68

A child is looking for his father. He went 90 metresin the East beforeturning to his right. He Went 20 metres before turning to his right again to look for his father 'at his uncle's place 30 metres fromthis point. His father was not there. From here he went\]00 metres to the North before meeting his father in a street. How far did the son mecthis father fiom the starting point?

A   80 metres

B   100 metr

C   140 metres

D   260 metres

Answer: E

Question 69

One morningafter sunrise, Reeta and Kavita were talking toleach other face to face at Tilak Square. If Kavita's shadow was exactly to the right of'Reeta which direction Kavita was facing?

A   North

B   South

C   East

D   None ofthese

Answer: E

Question 70

Nitin was counting down from 32. Sumit was counting upwards the numbers starting from I and he wascalling out only the odd numbers. What common number will they call out at the same time if they were calling out at the same Speed?

A   19

B   21

C   22

D   They will not call out the same number

Answer: E

Question 71

In a class of 60, where girls are twicethat of boys, Kamal ranked seventeenth from the top. If there are 9 girls ahead of Kamal, how-manyboys are after him in rank?

A   3

B   7

C   12

D   23

Answer: E

Question 72

There are twenty people working in an office. The first group of five works between 8.00 a.m. and 2.00 p.m. The second, group of ten works between 10.00 a.m. and 4.00 p.m. And the third group of five works between 12 noon and 6.00 p.m. There are three computers in the office which all the employees frequently use. During which of the following hours the computers are likely to be used most?

A   10.00 a.m. - 12 noon

B   12.00 pm - 2.00 pm

C   1.00 pm - 3.00 pm

D   2.00 pm - 4.00 pm

Answer: E

Question 73

At the end of a business conference ,the ten people present all shake hands with each other once .How many hand shakes will therebe altogether

A   20

B   45

C   55

D   90

Answer: E

Question 74

In a caravan in addition to 50 hens,there are 45 goats and 8 camels with some keepers .if the total number of feet be 224 more than number of heads in the caravan , the number of keepers is .....

A   5

B   8

C   10

D   15

Answer: E

Instructions Studythefollowing informationto answer these questions. A cube is coloured red on two opposite faces, blue on two adjacent faces and yellow on the two remaining faces.It is then cut in to two halves along the plane parallel to red faces .one piece is then cut in to four equal cubes and the is 31 equal cubes and other one in to 32 equal cubes

Question 75

How many cubes do not have any coloured face?

A   0

B 2

C 4

D 8

Answer: E

Question 76

How many cubes do not have any red face?

A 8

B 16

C 20

D 24

Answer: E

Question 77

How many cubes have at least two coloured face?
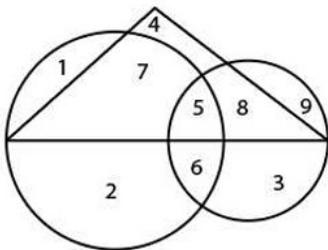
A 20

B 24

C 28

D 32

Answer: E

Instructions

The following-questions are based on the following diagram In which the triangle represents female graduates small circle represents self-employed females and the big circle represents self-employed females with bank loan facility. Numbers are shown in the different sections of the diagram on the basis of these numbers answer the following.

Question 78

How many female graduates are self-employed?

A   12

B   13

C   15

D   20

Answer: E

Question 79

How many female graduates are not self-employed?

A   4

B   10

C   12

D   15

Answer: E

Question 80

How many non-graduate females are self-employed?

A   9

B   11

C   12

D   21

Answer: E

Data Interpretation

Instructions

Each Question consist of a problem followed by two statements marked as I and II .Decide whether data in the statements are sufficient to answer the questions . Mark answer as

Question 81

If no student took test T more than once, how many students took test T?

-   I.   The average(arithmetic mean) of the students' scores on test T was 72.
-   II.   The sum of the students' scores on test T was 2,232.

A   if statement I alone is sufficient, but statement II alone is not sufficient to answer the question

B   if statement II alone is sufficient, but statement I alone is not sufficient to answer the question

C   if both statements taken together are sufficient to answer the question, but neither statement alone is sufficient

D   if statements I and II together are not sufficient and additional data is needed to answer the question

Answer: E

Question 82

Last year $$\frac{4}{5}$$ of the applicants for a job on a police force/passed on the physical examination. If $$\frac{3}{4}$$ of the applicants who passed the physical examination also passed the written examination, how many of the applicants passed both examinations? I. The number of applicants who did not pass either examination was equal to the number who passed the written examination only. II. There was a total of 100 applicants.

A   if statement I alone is sufficient, but statement II alone is not sufficient to answer the question

B   if statement II alone is sufficient, but statement I alone is not sufficient to answer the question

C   if both statements taken together are sufficient to answer the question, but neither statement alone is sufficient

D   if statements I and II together are not sufficient and additional data is needed to answer the question

Answer: E

Question 83

G, P, and S are animal species. What is the average life span, in year, of S?

-   I.   The averagelife span of S is twice that of P and $$\frac{4}{5}$$ that of G.
-   II.   The average life span of G is 30 years longer than that of P and 10 years longer than that of s

A   if statement I alone is sufficient, but statement II alone is not sufficient to answer the question

B   if statement II alone is sufficient, but statement I alone is not sufficient to answer the question

C   if both statements taken together are sufficient to answer the question, but neither statement alone is sufficient

D   if statements I and II together are not sufficient and additional data is needed to answer the question

Answer: E

Question 84

There are exactly 6 teams in league Y. What was the total number of games played by the 6 teams last season? I. Each team in league X played each of the other teams at least once. II. No team in league X played more than 7 games.

A   if statement I alone is sufficient, but statement II alone is not sufficient to answer the question

B   if statement II alone is sufficient, but statement I alone is not sufficient to answer the question

C   if both statements taken together are sufficient to answer the question, but neither statement alone is sufficient

D   if statements I and II together are not sufficient and additional data is needed to answer the question

Answer: E

Question 85

A Swimming club that sold only individual and family memberships charged ₹300 for an individual membership. If the club's total revenue from memberships was ₹480,000, what was the charge for a family membership ?

   I.   The revenue from individual memberships was $$\frac{1}{4}$$ of the total revenue from memberships.
   II.   The club sold 1.5 times as many family memberships as individual memberships.

A   if statement I alone is sufficient, but statement II alone is not sufficient to answer the question B   if statement II alone is sufficient, but statement I alone is not sufficient to answer the question

C   if both statements taken together are sufficient to answer the question, but neither statement alone is sufficient

D   if statements I and II together are not sufficient and additional data is needed to answer the question

Answer: E

Instructions

In each of these questions, two quantities A and B are given compare the two quantities and mark answer as Question 126 Soni's salary, which is greater than ₹10000 is 75 percent of Amit's salary. Duas salary is 80 percent of Soni's salary. A. Amit's salary B. Dua's salary

A   if quantity A is greater than quantity B

B   if quantity B is greater than quantity A

C   if quantities A and B are equal

D   if comparision can not be made.

Answer: E

Question 87

The total surface area of a cube equals A. The length of one edge of the cube. B. 4.5

A   if quantity A is greater than quantity B

B   if quantity B is greater than quantity A

C   if quantities A and B are equal

D   if comparision cannot be made.

Answer: E

Question 88

A merchant made a profit of ₹2.75 on the sale price of a sweater that cost the merchant ₹ 12.25 A. The Profit expressed as a percentage of the cost to the merchant. B. The Profit expressed as a percent of the sale price.

A   if quantity A is greater than quantity B

B   if quantity B is greater than quantity A

C   if quantities A and B are equal

D   if comparision can not be made.

Answer: E

Question 89

There are 28 students in a class all born in 2000. A. The probability that all their birthdays are in February. B. The probability that all their birthdays fall on a Friday.
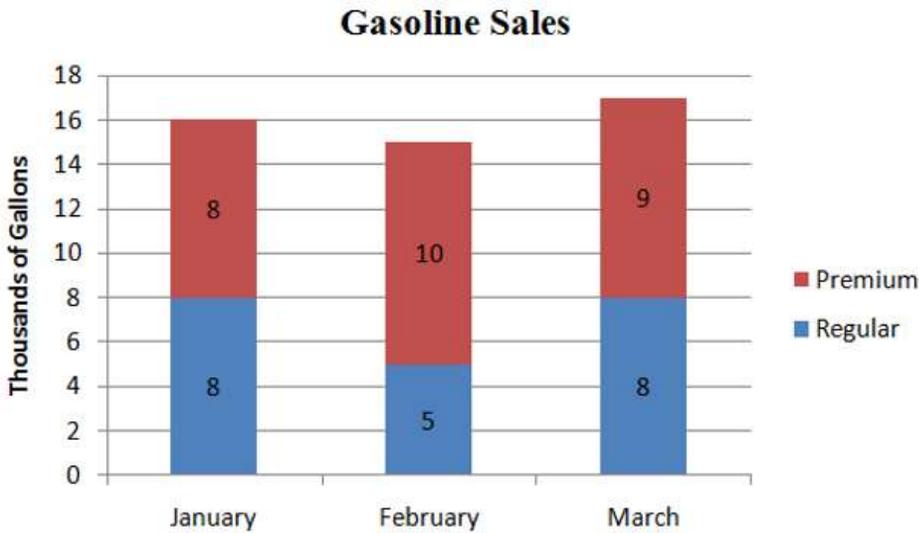
A   if quantity A is greater than quantity B

B   if quantity B is greater than quantity A

C   if quantities A and B are equal

D   if comparision can not be made.

Answer: E

Question 90

Base on the graph compare A and B.

Gasoline Sales

A. The percent change in premium sales from February to March .

B. The percent change in total sales from January to February.

A   if quantity A is greater than quantity B

B   if quantity B is greater than quantity A

C   if quantities A and B are equal

D   if comparision can not be made.

Answer: E

Instructions

Study the following graph to answer these questions An ice-cream company prepares three different flavours X, Y and Z. The production of three flavours over a period of six years has been expressed in the bar graph provided below.

Production of three different flavours of ice-creams X, Y and Z by a Company over the years

Question 91

For which of the following years, the percentage of rise/fall in production from the previous year is thé maximum for the flavour Y ?

A   2012 Decrease

B   2013 Increas

C   2014 Decrease

D   2015 Increase

Answer: E

Question 92

For which flavour was the average annual production maximum in the given period?

A   For X

B   For Y

C   For Z

D   Both for X and Y

Answer: E

Question 93

What is the difference betweeh.the average production of flavour X in 2010, 2011 and 2012 and the average production of flavour Y in 2013, 2014 and 2015?

A   500000

B   25000

C   240000

D   80000

Answer: E

Question 94

Which year showsthe highest production of ice-creams?

A   2010

B   2012

C   2014

D   2015

Answer: E

Question 95

The total production of ice-creams i(abisis what percent of the total production of ice-cream flavours Y and Zin 2010 and 2012 combined?

A   14.50%

B   80.25%

C   65.12%

D   73.80%

Answer: E

Instructions

Study the following table to answer these questions. The following table gives the number of candidates appeared (App.) and qualified (Qual.) in ABC entrance examination from different zones (I - VI in different years from 20102015).

| Zone → | I | | II | | III | | IV | | V | | VI | |
Year ↓	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.
2010	2989	575	2490	530	2540	430	2534	440	1008	130	2698	498
2011	2438	590	2899	520	2384	470	2653	450	1103	160	2798	610
2012	7534	608	2840	532	2053	502	2234	480	1143	190	2848	580
2013	6524	650	3600	560	2143	510	2468	500	1198	220	3008	490
2014	8746	632	3698	544	2340	544	2549	560	1208	240	2948	560
2015	8429	648	5432	612	2230	588	2630	580	1203	238	3048	534

Question 96

The qualifying percentage from Zone V is maxinium in which of the following years?

A   2014

B   2015

C   2013

D   2010

Answer: E

Question 97

The total number of qualifying candidates in 2013 is what percentJess than that in 2015

A   9.21 %

B   6.89 %

C   9.89 %

D   8.43 %

Answer: E

Question 98

Ratios between boys and girls for qualified and for appeared from Zone IV in 2013 are 7:3 and 3:2 respectively. What is'the approximate ratio between the boys qualified and girls appeared?

A   2:13

B   13:19

C   1:28

D   1:50

Answer: E

Question 99

In which of the following zones is there a continuous increase in the number of students appeared as well as'qualified over the years?

A   Zone II

B   Zone III

C   Zone IV

D   None of

Answer: E

Question 100

The numberof students appeared from Zone V in 2012 and 2015_together is approximately what percent less than that from Zone II in 2011 and 2014 together?
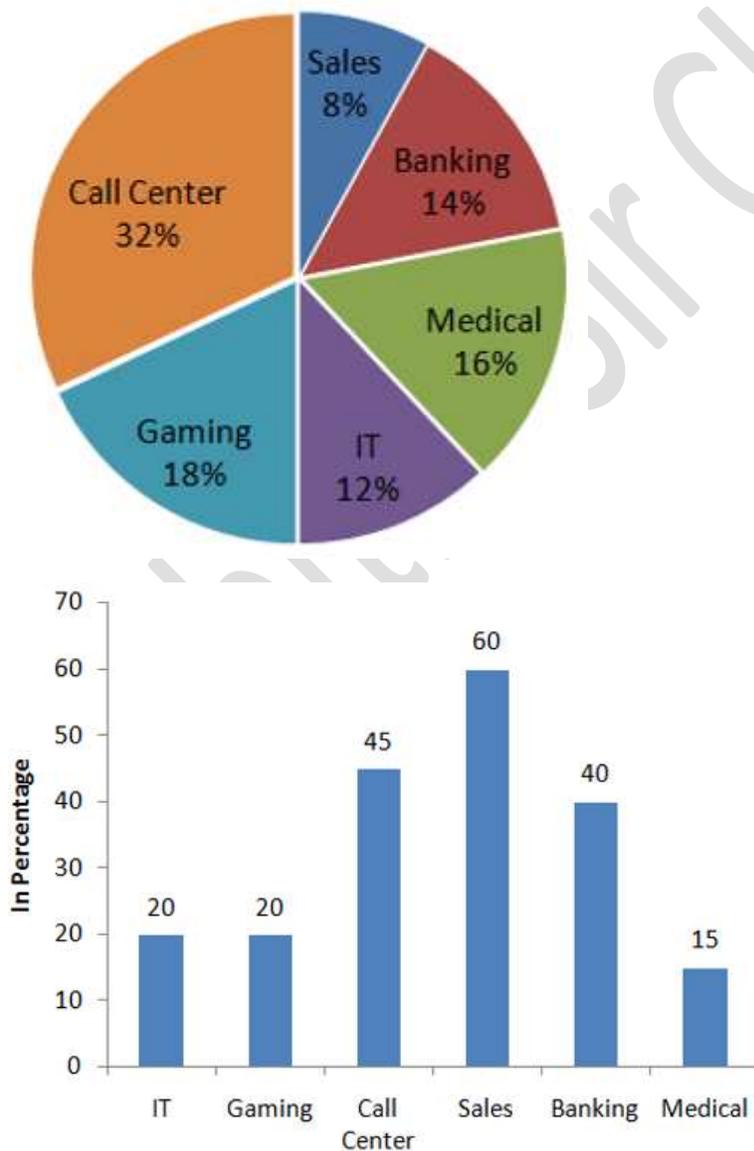
A   64.4%

B   50.2%

C   55.6%

D   60%

Answer: E

Instructions

Study the following graph to answer these Questions. The following pie-chart gives the percentage of people in a city working in night shifts from various Industries. The bar graph shows the percentage of females from these industries working in night shifts.

Total number of people = 40250

Question 101

What is the approximate average number of females working in night shifts from all the industries together?

A   2227

B   4481

C   3326

D   2523

Answer: E

Question 102

The number of females from the gaming industry is what percent of the total number of people working in the night shifts from all the industries together?

A   5.6

B   3.6

C   3.2

D   4.4

Answer: E

Question 103

What is the percentage difference between the number of males and females working in the night shift from these industries?

A   33.2

B   23.8

C   33.6

D   None of these

Answer: E

Question 104 If the number of females working in night shift for banking is 3206, while the percentage of females in rest of the industries remained unchanged, Then the new percentage of females working in night shift will be ....

A   35.56%

B   33.72%

C   23.82%

D   cannot be determined

Answer: E

Question 105

Percentage of males working in night shift is lowest in which of the following industries?

A   Sales

B   IT and Medical

C   Banking

D   Gaming

Answer: E

Instructions

Study the following graphs to answer these questions In the year 2015, 17 lakh tonnes of a fruit was produced in a certain State. Is production status in SIX Districts of that State is shown in Pie-chart I. the percentages of total expenditure incurred under different heads for producing this fruit in a District is shown by Pie-chart II.
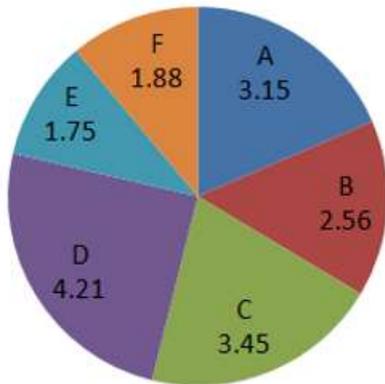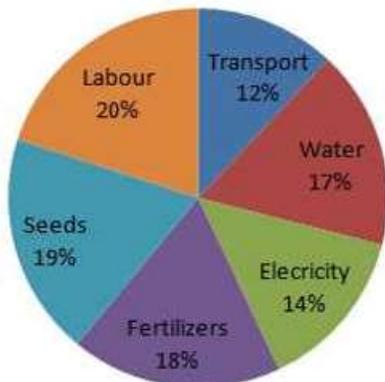

Chart - I(Figure in lakh tonne)

Chart - II

Question 106

The monthly expenses for water in District B is more/less than the monthly expenditure for electricity in District A by ...... (The total expenditure is ₹1700 per tonne in a year).

A ₹82167 less

B ₹82167 more

C ₹986000 less

D ₹1003000 less

Answer: E

Question 107

The total expenses incurred for the production of fruits in districts E, F and C are in the ratio 3:2:4.The total expenditure per tonne of production fruit in these districts is ₹ 5580.The amount spent towards transport in district F is more/less than that in E is ....

A more by ₹11085600

B less by ₹11085600

C more by ₹74697600

D less by ₹74697600

Answer: E

Question 108

If the expenditure incurred indistrict D is 20% more than that in district B and ₹ 950000 were spent in district B then expenses for labour in district D are

A ₹1140000

B ₹152000

C ₹228000

D ₹190000

Answer: E

Question 109

The profit earned by the sale of the fruit in district F is 25%. The sale price being 10000 per tonne, how money was spent on fertilizers approx.?

A ₹84600000

B ₹33840000

C ₹3384000

D ₹270720000

Answer: E

Question 110

The sale price of the vegetable IN District A is ₹ 7000 per tone and that in B is ₹8500 per tonne. A profit of 5% is earned in B and a loss of 5% is registered in A. The amount spent on water in A more/less than that on seeds in B is

A more by ₹890000

B less by ₹890000
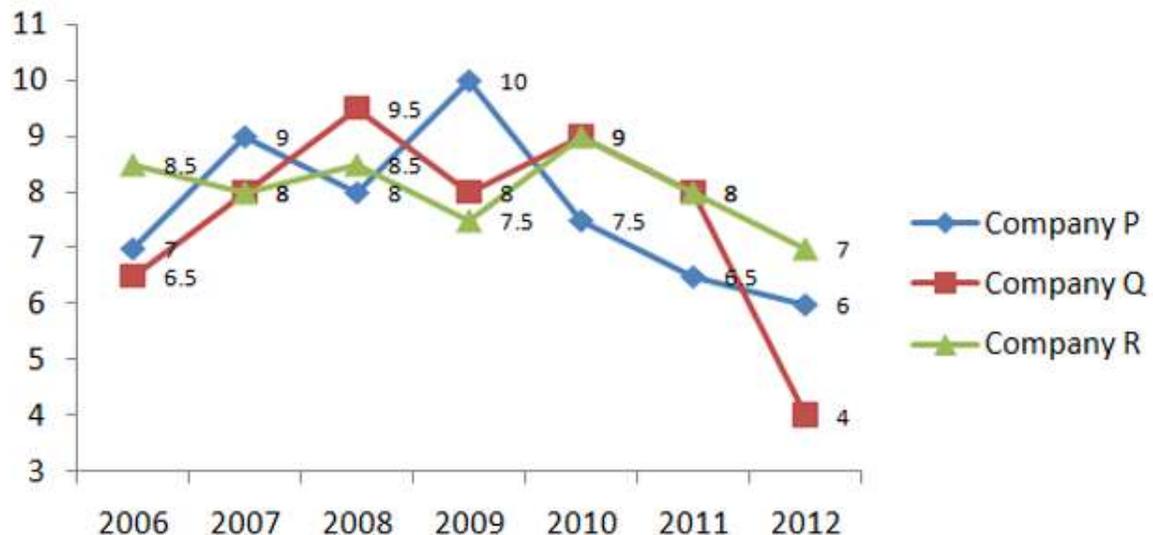
C more by ₹8.875 cr

D less by ₹8.875 cr

Answer: E

Instructions

Study the following graph to answer these question

Three different finance companies declare fixed annual rate of interest on the amounts invested with them by investors. The rate of interest offered by these companies may differ from year to year depending on the variation in the economy of the country and the banks rate of interest. The annual rate of interest offered by the two Companies P and Q over the years are shown by the line graph provided below.

Annual Rate of Interest Offered by Three Finance Companies Over the Years

Question 111

If two different amounts in the ratio 8:9 are invested in Companies P and Q respectively in 2002, then the amounts received after one year as interests from Companies P and Q are respectively in the ratio?

A   2:3

B   3:4

C   6:7

D   4:3

Answer: E

Question 112

In 2010, a part of ₹30 lakhs was invested in Company P and the rest was invested in Company Q and R for one year. The total interest received was 2.43 lakh. What was the amount invested in Company P?

A   7 lakh

B   8 lakh

C   9 lakh

D   cannot be determined

Answer: E

Question 113

An investor invested a sum of ₹ 15 lakh in Company P in 2008 .The total amount received after one year was reinvested in the same company for one more year .The total appreciation received by the investor on his investments was ......

A   ₹282000

B   ₹296200

C   ₹216000

D   ₹225600

Answer: E

Question 114

In which year was the difference between the annual rate of interest offered from Companies P and R the minimum?

A   2008

B   2007

C 2010

D 2011

Answer: E

Question 115

The average annual rate of interest offered for the given period is the highest for

A Company P

B Company Q

C Company R

D can not be determined

Answer: E

Instructions

Study the following information to answer these questions. In a city, there are M1, M2, M3, M4, M5 and M6 modes available for commuting. Out of a total number of commuters commuting daily in a city, 17171 commuters commute only by M1 daily. 7359 commuters commute only by M2 and 22077 commuters commute only by M3. 14718 commuters commute only by M4 and 4906 commuters commute only byM5¢7359 commuters commute only by M6. 26983 commuters commute by M3 as well as M1 daily .9812 commuters commute by M5 as well as M1 daily. 12265 commuters commute by M3 as iellas M5 daily. Question 156 The total number of commuters commuting by-M1 form what percent of the total number of commuters commuting daily?

A 22

B 44

C 14

D 36

Answer: E

Question 117

What is the percentage difference in the total number of commuters commuting in M5 and that of M2 and M6 together?

A 22

B 25

C 12

D 10

Answer: E

Question 118

The total number of committers commuting by M4 and M2 together form what percent of the total number of commuters commuting daily?

A   12

B   6

C   18

D   16

Answer: E

Question 119

Majority of the commuters in the city use.......

A   M1

B   M2

C   M3

D   M4

Answer: E

Question 120

The number of commuters commuting by M2, M4 and M6 form what percent of the total number of the commuters commuting daily by M1 and M3 and M5?

A   20.6

B   18.22

C   13.20

D   16.23

Answer: E