Question 23

In the year 2020, Production of Sugar (in Million Tonnes) by six major production units A-F of India are shown in the table given below:

Month	A	B	C	D	E	F
April	310	180	169	137	140	120
May	318	179	177	162	140	122
June	320	160	188	173	135	130
July	326	167	187	180	146	130
August	327	150	185	178	145	128

What was approximate percentage decrease in sugar production of unit B in June as compared to April?

A   8%

B   11%

C   15%

D   18%

Answer: B

Question 24

The difference between the compound interest and simple interest for the amount Rs 5000/- in 2 years is Rs. 32. Then the rate of interest per annum is:

A   5%

B   8%

C   10%

D   12%

Answer: B

Question 25

Given below are two statements
Statement I: In the sequence of numbers 30, 90, 182, 306, 462,P............ the term P is 650.
Statement II : There are 8 digits in 9^8 when it is expressed in decimal form.
In light of the above statements, choose the correct answer from the options given below

A   Both Statement I and Statement II are true

B   Both Statement I and Statement II are false

C   Statement I is true but Statement II is false

D   Statement I is false but Statement II is true

Answer: A

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Logical Reasoning

Instructions
For the following questions answer them individually

Question 26

Find the number of triangles in the given figure :

A 11

B 13

C 15

D 17
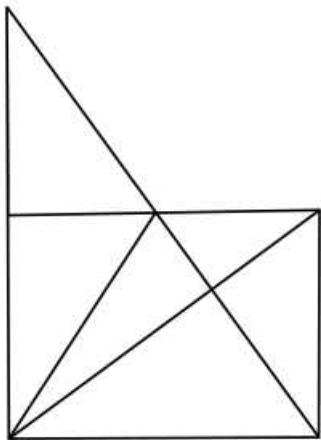
   Answer: B

Question 27

One statement and two conclusions for the statement are given. Read the statement, think logically about the conclusions and mark the correct option which follows the statement.

Statement : Socialization has an outcome.

Conclusion:
A. The persons being socialized acquire new skills.
B. Socialization does not lead to change in behaviour.

A Only conclusion A follows

B Only conclusion B follows

C Either A or B follows

D Neither A nor B follows

   Answer: A

Question 28

Find the missing numberin thegiven series:
8, 13, 10, 15, 12, ___

A 14

B 17

C 18

D 20

Answer: B

Question 29

Complete the sequence :
30, 56, 90, _____ , 182, 240.

A 145

B 132

C 110

D 160

Answer: B
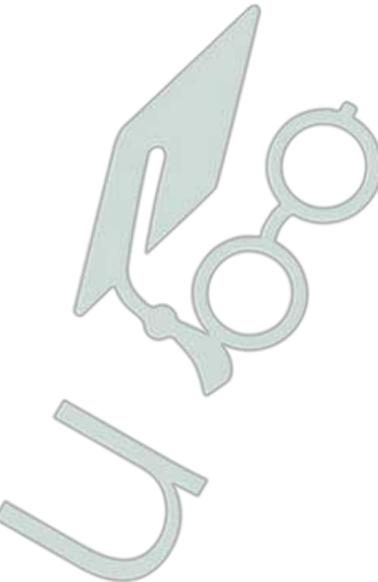
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Question 30

Find out which of the given statement(s) is/are sufficient to answer the following question Who scored the highest marks in the class?
Statements :
(A) Pawan scored 98% marks in the class.
(B) Swati scored more than 98% marks in the class.
(C) The marks of all the students were less than that of Swati's marks.
Choose the correct answer from the options given below:

A (A) only

B (B) and (C)

C (A), (B) and (C)

D (C) only

Answer: D

Question 31

The given statement is followed by two arguments-I and II. Decide which argument(s) is/are correct for the statement.
Statement: We should plant more trees.
Argument I. Trees help in reducing pollution.
        II. Trees occupy too much of the earth's space.

A I is true

B II is true

C Either I or II

D Neither I nor II

Answer: A

Question 32

Given below is a diagram of three circles X. Y and Z which represent musicians, singers and dancers, respectively. The circles intersect with each other and form regions- a, b, c and d. Select the region that represents musicians who are singers but not dancers.
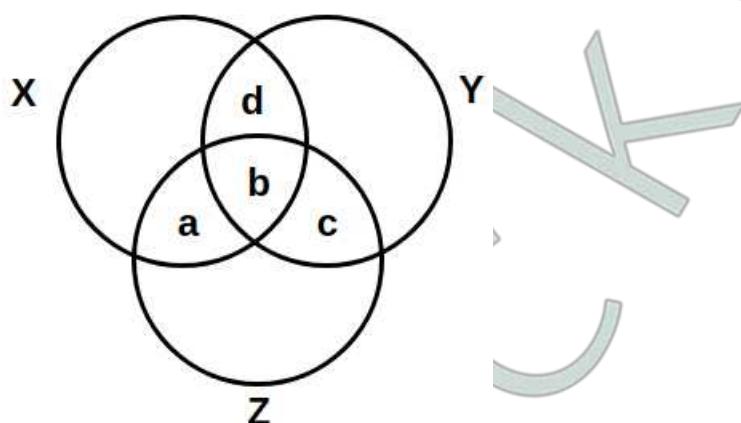
A   Only C

B   Only D

C   a and d

D   b and d

Answer: B

Question 33

Find the odd one out :

A   KMOQ

B   SUWX

C   ACEG

D   IKMO

Answer: B

Question 34

If CLAUSE is coded as ECSLUA. then the code of UMPIRE will be

A   MRPIUE

B   UEMRIP

C   ERUMIP

D   EURMIP

Answer: D

Question 35

Find the wrong numberin this sequence :
72, 70, 67, 65, 58, 52, 45

A   58

B   65

C   52

D   70

    Answer: B

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Question 36

In a certain language 'Roses are red' is coded as'ko ti na'. "Roses are beautiful' is coded as 'ho ti na'. Whatis the codefor'red' in that language?

A   ti

B   na

C   ho

D   ka

    Answer: D

Question 37

Six friends are sitting around a circular table in such a way that they are equidistant from each other. Kunal is sitting to the right of Alia and Dhruv is sitting between Arti and Jasmeet. Safi is sitting opposite to Jasmeet and to the right of Kunal. Who is sitting between Arti and Kunal?

A   Alia

B   Jasmeet

C   Safi

D   Dhruv

    Answer: C
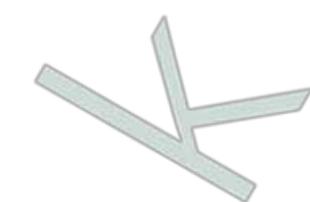
Question 38

Select the suitable figure from the answer figure that would replace the question mark (?)

Problem Figure:
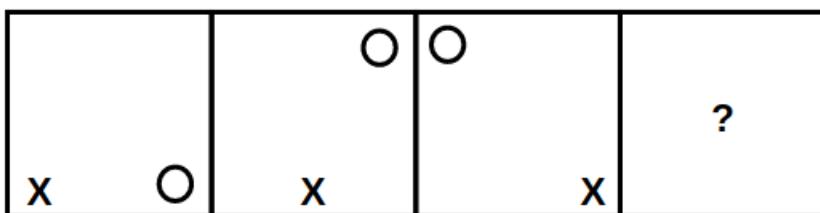
Answer Figure:

(A) (B) (C) (D)

A   A

B   B

C   C

D   D
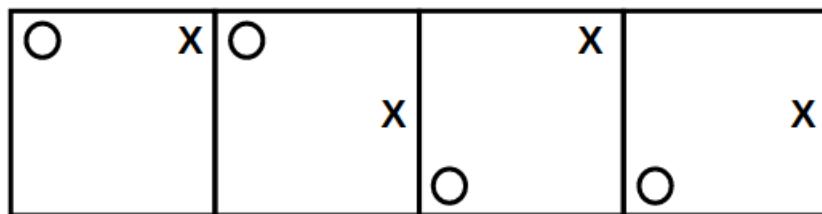
Answer: D

Question 39

In a certain code, LUCKNOW is written as MTDJONX and SURFACE as TTSEBBF. How is HAPPINESS written in that code?

A   IZQOJMFRT

B   IBQQHOFRR

C   GBQOHODRT

D   GZQQJMDTT

Answer: A

Question 40

In a certain code FLOWER is written as 325716 and WRITE as 76481. How is LITTER written in that code?

A   314682

B   241186

C   248816

D 748862

Answer: C

Question 41

Sophia is walking in the east direction. After walking for some time. she turns left and then again turns 45^0 right. In which direction is she moving now?

A North

B West

C North-West

D North-East

Answer: D
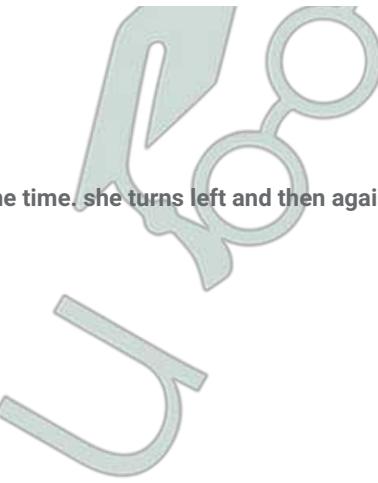
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Question 42

Observe the given figure and read the statements (I), (II) and (III).
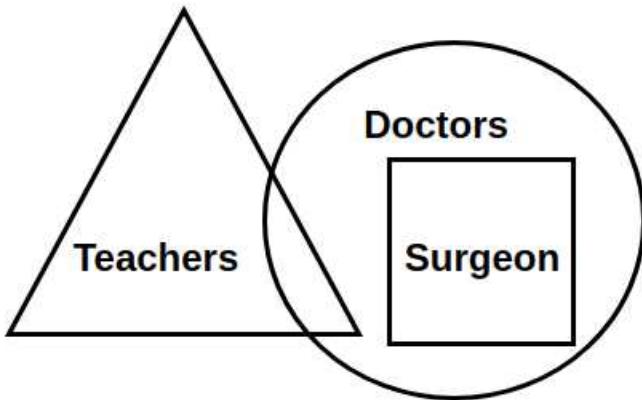
Statements:
(I) All teachers are doctors
(II) Some doctors are teachers
(III) All surgeons are doctors
Which of the following statement(s) is/are correct :

A (I), (II) and (III)

B (I) and (III)

C (I) and (II)

D (II) and (III)

Answer: D

Question 43

Given below are two statements, One is labelled as Assertion A and the other is labelled as Reason R
Assertion A : Solar energy is in abundance on the planet earth.
Reason R : Solar energy is available only in summer season.
In light of the above statements, choose the correct answer from the options given below
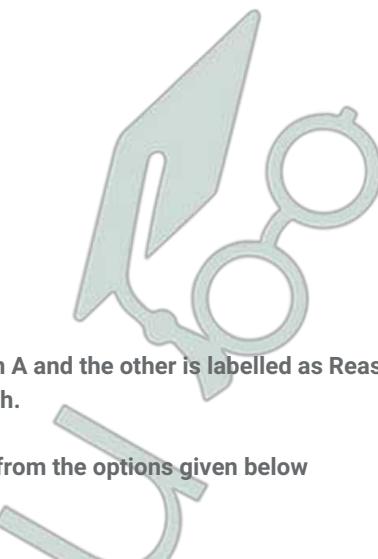
A Both A and R are true andR is the correct explanation of A

B Both A andRare true but R is not the correct explanation of A

C Ais true but is false

D A is false but R is true

Answer: C

Question 44

P is the father of R, Q is the sister of P, R is the brother of C and S is the mother of P. How is R related to S?

A Grandson

B Granddaughter

C Mother

D Father

Answer: A

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Question 45

Ansh is taller than Akshita but shorter than Sharad. Akshita is shorter than Sharad but taller than Sneha. Who is the tallest one?

A Sharad

B Akshita

C Sneha

D Ansh

Answer: A

Question 46

Choose the missing item in the series:
CDFG, IJLM, OPRS,_____, ABDE

A UWYZ

B TUVW

C UVXY

D STUV

Answer: C

Question 47

In analogy, you are required to guess the relation between the two given words and fill in the blanks after finding the similar relationship by choosing any word from the options given below:
BEES : SWARM :: LIONS :_____

A SCHOOL

B PACK

C PRIDE

D BAND

Answer: C

Question 48

A says to B, 'I am the mother of your grandfather's son.' How is A related to B?

A Grandmother

B Sister

C Daughter

D Grandson

Answer: A

Question 49

Aman is five ranks ahead of Isha in a class of 30 students. If Isha's rank is 14th from the last, then what is Aman's rank starting from Chetan at the 1st position?

A 13th

B 12th

C 16th

D 19th

Answer: B

Question 50

A, B, C and D play tennis. B and C play football also. D does not play chess but plays badminton. Who plays only tennis?

A D

B B

C A

D C

Answer: C

Language Comprehension