## prepp

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## Reasoning

## Instructions

For the following questions answer them individually
Question 1
Find the missing number from the below options.


A 8

B 9

C 11

D 6
Answer: A

## Question 2

Select the option that is related to the third term in the same way as the second term is related to the first term.
0.24: 0.0024: : 3.03 :?

A 3.030

B 0.303

C 30.30

D 0.0303
Answer: D

## Question 3

Five people Palak, Karol, Risha, Saloni and Tishaare travelling in a car. The car has twoseats in the front and three at the back. Rishais driving the car. Palak wants to sit at one of the windowseatsat the back of the car. Tisha wants to sit next to Palak. Karol hates Tisha and will not sit with Tisha. Who is sitting next to the driver?

A Karol

B Tisha

C Can't be determined

D Saloni
Answer: A

## Question 4

Select the correct option that will fill in the blank and complete the series.
45, 49, 58, 74, .........

A 92

B 88

C 99

D 98
Answer: C

## Question 5

Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

A Bottle

B Bucket

C River

D Jar
Answer: C

## Question 6

Select the correct option that will fill in the blank and complete the series.
35, 40, 55, 80, 115, ?

A 155

B 170

C 165
D 160
Answer: D

## Question 7

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts. decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
Statements:
Some cows are deer.
Some deer are fishes.
Conclusion:
I. Some cows are fishes.
II. Some fishes are cows.

A Either conclusion I or II follows

C Only conclusion I follows

D Only conclusion II follows
Answer: B

## Question 8

Choose the option that most closely resembles the mirror image of the given figure when mirror is placed at right side.


A


B


C


D


Answer: C

## Question 9

Choose the option figure in which the problem figure is hidden/embedded

## Question Figures:



A


B


C


D


Answer: B

## Question 10

The statements below are followed by three conclusions labeled I, II and III. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

## Statements:

All pencils are houses.
All houses are eraser.
Conclusions:
I. Some pencils are eraser.
II. Some erasers are pencils.
III. All erasers are pencils.

A Only I and II follow

B None follows
C Only II follows
D All follow
Answer: C

## Question 11

Select the related word pair from the given alternatives.
Poet : Poem :: $\qquad$ : $\qquad$

A Paragraph: Lyrics

B Maths : literature

C Author: Book

Answer: C

## Question 12

Select the option that is related to the fourth term in the same way as the first term is related to the second term.
BDGK: CEHL :: ???? : DFIM

A CEHL

B CEHM
C EGJN
D EGHI
Answer: A

## Question 13

Select the option that is related to the third term in the same way as the second term is related to the first term.
ACEG : BDFH :: CEGI : ?

A EGIK

B DFHJ
C DHIK
D EGIH
Answer: B

## Question 14

A is $15^{t h}$ from the front in a column of boys. There were thrice as many behind him as there were in front. How many boys are there between $A$ and the $7^{\text {th }}$ boy from the end of the column?

A 35
B 40

C 33

D 34
Answer: A

## Question 15

If $B$ is coded as $9, F$ is coded as $3, Q$ is coded as $2, D$ is coded as $8, T$ is coded as $1, M$ is codedas 6 , and $K$ is coded as 7, then what is the coded form of FBMKQT?

A 396127
B 396721

C 369127
D 369172
Answer: B

Question 16
Choose the option which come next in the given figure series.

## Problem Figures:



A


B


C


D


Answer: D

Question 17
Four options have been given out of which three are alike in some manner, while one is different. Choose the odd one.

A 426

B 336

C 257
D 359
Answer: D

## Question 18

Which of the following answer figure will complete the given figure?
Question Figures:


A


B


C


D


Answer: D

## Question 19

The question below has three items having certain relationship among them. The same relationship is expressed by sets of circles, each circle representing one item irrespective of its size. Match the items with right set of circles.
Apples, Mangoes, Oranges

A


B


C


D


Answer: D

Question 20
Select the correct option that will fill in the blank and complete the series.
MaN, SaM, MaB,

A LaV

B PaC

C TaD

D FaV
Answer: A

Question 21
In a certain code, DHONI is written as AELKF. How is EXPOSE written in that code?

A BUMLPB
B BUNLPB

C BUMLQB
D BVMLPB
Answer: A

## Question 22

Five chairs C1, C2, C3, C4 and C5 are placed one above the other. If C1 is above C2, C3 is above C4 but below C5 and C4 is above C1, which chair is in the middle?

A Cl

B CZ

C CB
D CA
Answer: D

## Question 23

A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, how will it appear when opened?

Question Figures:

$A \quad \begin{array}{ll}0 & 0 \\ 0 & 0 \\ 0 & 0 \\ 0 & 0 \\ 0\end{array}$

B


C


D $\begin{array}{lll}0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & & 0\end{array}$
Answer: B

## Question 24

Four letter clusters have been given out of which three are alike in some manner, while oneis different. Choose the odd one.

A QSW
B LNR

C FHL
D NPR
Answer: D

Question 25
If ' $P$ ' means‘subtracted from', ' $X$ ' means 'multiplied by', ' $Y$ ' means 'added to', and ' $Z$ ' means 'Divided by', then:
54 Z 3 Y $22 \times 5=$ ?

A 135

B 128

C 110
D 144

## General knowledge

## Instructions

For the following questions answer them individually

## Question 26

Each water molecule, contains $\qquad$ hydrogen atoms and one Oxygen atom.

A Two

B Three

C One

D Four
Answer: A

## Question 27

Which type of soil develops deep cracks during hot weather?

A Yellow soil

B Laterite soil

C Alluvial soil

D Black soil
Answer: D

Question 28
Pashmina is a fine type of wool which were first woven in whichstate of India?

A Uttar Pradesh

B Punjab
C Jammu \& Kashmir

D Himachal Pradesh
Answer: C

## Question 29

Who was the president of Muslim League in 1930?

A Muhammad Iqbal

B Syed Ahmed Khan

C Muhammad Ali Jinnah
D Shaukat Ali
Answer: A

Question 30
Which of the following cartoonist is best known for his creation of common man?

A Shekhar Gurera
B Sudhir Tailang
C Kutty

D R.K.Laxman
Answer: D

Question 31
Which village has shown that it is possible to reverse land degradation?

A Bhandardara

B Majuli

C Katarmal
D Sukhomajri
Answer: D

## Question 32

Which was the first Indian Satellite named after Indian mathematician launched in 1975 by the Soviet Union?

A INSAt 1A

B Bhaskara Sega-I

C Rohini RS-D1

D Aryabhata
Answer: D

## Question 33

In which year did the Khilafat Movement start?

A 1922

B 1923

C 1920
D 1921
Answer: C

Question 34
The Gateway of India is located in:

A Kolkata

B Delhi

C Mumbai
D Bengaluru
Answer: C

## Question 35

The Bhoodan - Gramdan movement was initiated by:

A Maneka Gandhi

B Medha Patkar
C Vinoba Bhave

D Baba Amte
Answer: C

## Question 36

Which of the following is a popular name of bio gas?

A Uranium

B Petroleum
C Gobar gas

D Coal
Answer: C

Question 37
Which of the following is a non-constitutional body of India?

A Finance Commission
B State Human Right Commission
C National Commission

D Election Commission

Answer: B

Question 38
Which dam is built on the Narmada River?

A Adhia Dam

B Hirakud Dam

C Sardar Sarovar Dam

D Tehri Dam
Answer: C

## Question 39

In which colour is a solar cooker painted from the outside?

A Green

B Blue

C Black

D Red
Answer: C

## Question 40

Which state has the highest per capita income as per year 2017-18?

A Mizoram

B Bihar

C Maharashtra

D Kerala
Answer: C

## Question 41

In which Indian state is Dabu printing practiced. which involves applying earth in delicate patterns to cloth and then dipping in dye?

A Rajasthan

B Orissa
C Andhra Pradesh

D Assam
Answer: A

## Question 42

Viswanathan Anand was awarded the Padma Vibushan award in which year?

A 2011

B 2008
C 2010
D 2009
Answer: B

Question 43
Which of the following terms in our preamble means behaving as if we are members of the same family?

A Justice
B Democracy
C Fraternity
D Equality
Answer: C

## Question 44

'Gella-Chutt' is an indigenous game associated with the state of:

A Mizoram
B Assam

C Tripura
D Arunachal Pradesh
Answer: C

## Question 45

Changing party allegiance from the party with which a person got elected to a different party is called:

A defection
B separation
C party whip
D alliance building
Answer: A

## Question 46

Identify the neighbouring country which has been performing better in terms of human development than India.

A Bangladesh
B Nepal

C Sri Lanka

D Pakistan
Answer: C

## Question 47

The book 'Wings of Fire' is authored by:

A Salman Rushdie
B A.P.J Abdul Kalam
C R.K Narayan
D Vikram Seth
Answer: B

Question 48
In which year was the Rural Employment Generation Programme launched?

A 1993
B 1995

C 1992

D 1994
Answer: B

## Question 49

Who won the gold medal at Women's National Boxing Championships in 2019?

A Ragini Upadhyay
B Nikhat Zareen
C Manju Rani
D Pinki Rani Jangra
Answer: C

Question 50
The rajas of the Mahajanpadas built forts as they provided

A Mutability

B Security
C Marketability
D Transportability
Answer: B

## Quant

## Instructions

For the following questions answer them individually

## Question 51

DIRECTION:The population of a city is 8000. They have various types of occupation which is given below by the pie-chart. Study the pie-chart and answer the given questions.


How much percent are in service sector from the total population?

A $36 \%$

B 20\%

C $72 \%$

D $25 \%$
Answer: B

Question 52
The ratio between two numbers is $7: 16$. If the second numberis 256 then the first number is:

A 120

B 156

C 112
D 144
Answer: C

## Question 53

30 persons can do a piece of work in 24 days. How many more people are required to complete the work in 20 days?

A 8

B 5

C 4

D 6
Answer: D

Question 54
What is the arithmetic mean of first 8 multiples of 13 ?

A 55.4
B 58.5

C 72.5

D 61.8
Answer: B

Question 55
If $\begin{aligned} 8 x+3 y \\ 4 x+5 y\end{aligned}={ }_{23}^{25}$ then find $x: y$.

A 2:3

B 2:5

C 3:5

D 1:5
Answer: A

## Question 56

DIRECTION:The population of a city is 8000. They have various types of occupation which is given below by the pie-chart. Study the pie-chart and answer the given questions.


How much population percent is less in industry sector than in agriculture sector?

A 10\%

B $25 \%$

C $15 \%$

D 20\%
Answer: A

## Question 57

The marked price of an item is ₹ 900 but a retailer purchases it on $40 \%$ discount and sells it on ₹ 900 . The percentage profit of the retailer is:

A $60 \%$
B $68{ }^{1} \%$

C $40 \%$
D $\quad 66{ }_{3}^{2} \%$
Answer: D

Question 58
The average of 6 values is 11.2. If 3 is multiplied to each number then what will be the new average?

A 22.6

B 14.6

C 18.6

D 33.6
Answer: D

Question 59
The speed ofa boatin still water is $9 \mathrm{~km} / \mathrm{hr}$ and the speed of stream is $3 \mathrm{~km} / \mathrm{hr}$. The difference between the upstream speed and downstream speed will be:

A $6 \mathrm{~km} / \mathrm{hr}$

B $5 \mathrm{~km} / \mathrm{hr}$

C $3.5 \mathrm{~km} / \mathrm{hr}$

D $7.5 \mathrm{~km} / \mathrm{hr}$
Answer: A

## Question 60

Two concentric circles with radii $p \mathrm{~cm}$ and $(p+2) \mathrm{cm}$ are drawn on a paper. The difference between their areas is $\mathbf{4 4} \mathbf{~ s q . ~ c m ~ W h a t ~ i s ~ t h e ~ v a l u e ~ o f ~} \mathbf{p}$ ? (Take $\pi={ }_{7}^{22}$ )

A 1.5
B 5
C 6

D 2.5
Answer: D

## Question 61

${ }_{7}^{4}$ of ${ }_{9}^{9} \div{ }_{7}^{8} \times 180$ of ${ }_{9}^{1}=$ ?

A $\quad \begin{gathered}20 \\ \end{gathered}$
B $\quad \begin{array}{r}9 \\ \end{array}$

C $\quad \begin{gathered}80 \\ \end{gathered}$

D $\begin{gathered}9 \\ 80\end{gathered}$
Answer: C

## Question 62

If cost prices of 100 note books is same as selling price of 80 note books. What is the percent gain ?

A $15 \%$
B $30 \%$
C $25 \%$
D $20 \%$
Answer: C

Question 63
The amounts of ₹ 7500 at compound interest at $4 \%$ per annum for $\mathbf{2}$ years, is:

A ₹8100
B ₹8082
C ₹ 7800

D ₹8112
Answer: D

## Question 64

$\mathbf{2 1 \%}$ of a number is 546 . What will be $89 \%$ of that number?

A 900

B 2116

C 1200

D 2314
Answer: D

## Question 65

A person bought an item and sold it at a loss of 5\%. If he had bought it for $\mathbf{1 0 \%}$ less and sold it for ₹ 170 more, he would have had a profit of $20 \%$, Find the cost price of this item. (nearest to ₹ 1 )

A ₹1440
B ₹1308

C ₹1300

D ₹1500
Answer: B

## Question 66

A pipe can fill a cistern in 20 minutes where as the cistern when full can be emptied by a leak in 28 minutes. When both are opened, The time taken to fill the cistern is:

A 80 min
B 70 min

C 60 min
D 48 min
Answer: B

## Question 67

A certain sum amounts to $₹ 756$ in 2 years and to $₹ 873$ is $3{ }_{2}^{1}$ years at a certain rate of simple interest. The rate of interest per annum is:

A $11 \%$

B $13 \%$
C $10 \%$
D $12 \%$
Answer: B

## Question 68

A square with maximum possible side is drawn in a circle of radius 12 cm . What is the area of square?

A 288 sq. cm
B $\quad 72 \mathrm{sq} . \mathrm{cm}$
C $\quad 184$ sq. cm
D $\quad 276$ sq. cm

## Answer: A

Question 69
Divide 500 into two parts such that the ratio of one to the other are in 5:3?

A 312.5, 187.5
B $308.5,191.5$
C 280, 220
D 300, 200
Answer: A

Question 70
What value should come in place of the question mark (?) in the following questions?
$31 \div 3 \times 15=$ ?

A 180

B 140

C 165

D 155
Answer: D

## Question 71

The speed of a ship in still water is $5 \mathrm{~km} / \mathrm{hr}$ and the speedof the stream is $2 \mathrm{~km} / \mathrm{hr}$. Rohan rows to place at a distance of 21 km and comes back to the starting point. The total time taken by him is:

A 7.2 hours

B 10 hours

C 3.6 hours

D 6 hours
Answer: B

## Question 72

What is the greatest number that will divide 209 and 347 leaving remainder 5 and 7 respectively?

B 16
C 19

D 17
Answer: D

## Question 73

The average of first 10 prime number is:

A 13.1
B 12.7

C 12.9

D 15.1
Answer: C

## Question 74

The area of the cardboard needed to make a closed box of size $10 \mathrm{~cm} \times 15 \mathrm{~cm} \times 8 \mathrm{~cm}$ will be:

A $700 \mathrm{~cm}^{2}$

B $350 \mathrm{~cm}^{2}$

C $1000 \mathrm{~cm}^{2}$

D $1390 \mathrm{~cm}^{2}$
Answer: A

Question 75
DIRECTION: The population of a city is 8000 . They have various types of occupation which is given below by the pie-chart. Study the pie-chart and answer the given questions.


The ratio of people working in service to industry sectors respectively:

A $2: 3$

B 3:5

C $3: 4$

Answer: A

## English

## Instructions

For the following questions answer them individually
Question 76
Select the wrongly spelt word.

A Existance

B Experience

C Eminent

D Explanation
Answer: A

Question 77
Select the most appropriate word to fill in the blank.
A number of people $\qquad$ to watch the live performancelast night.

A gather

B has gathered

C has been gathered

D gathered
Answer: B

## Question 78

Select the antonym of the given word.
Diminish

A Decrease

B Divide

C Increase

D Reduce
Answer: A

## Question 79

Select the synonym of the given word.
ACCOMPLISH

A Fail

B Hinder

C Lose

D Achieve
Answer: B

## Question 80

Select the word which means the same as the group of words given. A mass of snow, ice, and rocks falling rapidly down a mountainside

A Glacier

B Avalanche

C Iceberg

D Landslide
Answer: B

## Question 81

Select the meaning of the given idiom.
Under a cloud

A under observation

B enjoying favorable luck
C experiencing cloudy weather
D under suspicion
Answer: C

## Question 82

Select the meaning of the given idiom.
Get a kick out of

A Give up something
B Enjoy something
C Kick something
D Predict something
Answer: A

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
Passage:
An Italian town is offering to pay people up to $€ 2000$ to movethere. The Mayor of the town has madethe (1). $\qquad$ in the hope of reversing (2). $\qquad$ town's declining population. The population (3). $\qquad$ small towns of Italy (4).
to the big cities leaving (5) $\qquad$ only the aged people. Some towns havebeenleft with as little as twelve residents.

## Question 83

Select the most appropriate option that will fill in the blank number 1.

A present

B offer

C reward

D gift
Answer: D

## Question 84

Select the most appropriate option that will fill in the blank number 2 .

A some

B one

C a

D the
Answer: C

## Question 85

## Select the most appropriate option that will fill in the blank number 3 .

A at

B between

C from

D among
Answer: B

## Question 86

Select the most appropriate option that will fill in the blank number 4.

A transported
B migrated

C transferred

D immigrated
Answer: B

## Question 87

Select the most appropriate option that will fill in the blank number 5 .

A beyond
B below

C behind
D before
Answer: D

## Instructions

For the following questions answer them individually
Question 88
Select the antonym of the given word.

## CONVICTED

A Alleged
B Blamed

C Acquitted
D Charged
Answer: B

## Question 89

Select the wrongly spelt word.

A Encouragment
B Questionnaire
C Environment
D Performance
Answer: C

## Question 90

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No substitution required.
The escalator at the railway station is working again, thanks to the effort for our technicians.

A efforts of our technicians

B No substitution required

C efforts make by our technicians
D efforts from our technicians
Answer: A

## Question 91

Select the most appropriate word to fill in the blank. The bear didn't attack the lady because he was afraid $\qquad$ her.

A at

B of

C from

D for
Answer: B

Question 92
Select the synonym ofthe given word.
APPARENT

A Hidden

B Obvious

C Latent

D Concealed
Answer: B

Question 93
Select the most appropriate option to substitute the underlined segment in the given sentence.If there is no need to substitute it, select No substitution required.
Last month, scientists are posting the latest pictures of Mars taken by the Mangalyaan.

A No substitution required

B posted

C have been posting

D will be posting
Answer: C

## Question 94

Select the most appropriate wordto fill in the blank.
He was $\qquad$ from jail only last month.

Answer: D

## Question 95

Identify the segment in the sentence which contains the grammatical error from the given options. Before the President can start his speech, he was interrupted by his secretary.

A by his secretary

B can start

C Before the

D was interrupted
Answer: C

Question 96
Select the most appropriate option to substitute the underlined segment in the given sentence.If there is no need to substitute it, select No substitution required.
His grandfather finds a tiny tiger-cub in the forest and brought him home.

A bringing home
B No substitution required
C brings him home
D has bring home
Answer: A

Question 97
Select the most appropriate wordto fill in the blank.
His proposal wasnot $\qquad$ to me.

A accessible

B acceptable

C adapted
D apparent
Answer: C

Question 98
Select the word which means the sameas the group of words given. One who loves mankind

A Philanthropist
B Misogamist
C Misanthropist
D Misogynist
Answer: A

## Question 99

Identify the segment in the sentence which contains the grammatical error from the given options. The question that there is life on other planets baffles scientists.

A The question that
B there is life
C baffles scientists
D on other planets
Answer: A

Question 100
Identify the segment in the sentence which contains the grammatical error from the given options. The day he won the Grammy Award was red letter day in the singer's life.

A in the singer's life.
B he won
C The day
D was red letter day
Answer: C

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