## prepp

## Practice, Learn and Achieve Your Goal with Prepp

## SSC GD Exam

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## Simplifying <br> Government Exams

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## Reasoning

## Instructions

For the following questions answer them individually
Question 1
Select the option that is related to the third term in the same way as the second term is related to the first term.
Bull : Cow :: Lion :

A Lioness

B Cub

C Mare

D Doe
Answer: A

## Question 2

Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.
Statements:
All scientists working in Japan are talented.
Some Chinese scientists are working in Japan.
Conclusions:
I. No Chinese scientist is talented.
II. Some talented Chinese scientists are working in Japan.
III. All talented scientists are Japanese.
IV. Some Chinese scientists are talented.

A Only conclusion III and IV follow.
B Only conclusion II and IV follow.
C Only conclusion I follows.

D Only conclusion II follows.
Answer: B

## Question 3

Choose the alternative which most closely resembles the mirror image of the given word when mirror is placed at XY line.


## A ヨכA

в ECA
c ACE
D EJA
Answer: A

## Question 4

Which of the four changes given in the options would make the following equation correct?
$30 \times 3-3=13$

A $\times$ Interchanged with -
B $\times$ changed to $\div$; - changed to +
C $\times$ changed to + ; changed to $\div$
D $\times$ Interchanged with -; 3 interchanged with 30
Answer: B

Question 5
Select the option that is related to the third term in the same way as the second term is related to the first term.
11: 169:: $18: . . . .$.

A 396

B 256
C 361
D 400
Answer: D

## Question 6

Select the figure that will come next in the following series.


A


B


C


D


Answer: D

## Question 7

In the following number series, two numbers have been put with in brackets. Study the series carefully andselect the correct alternative with respect to the series.
4, 6, 10, (12), 16, (14), 22

A The first bracketed number (from the left) is incorrect and the second is correct.
B Both the bracketed numbers are correct.
C Both the bracketed numbers are incorrect.
D The first bracketed number (from theleft) is correct and the second is incorrect.
Answer: D

## Question 8

Select the letter that will come next in the followingseries.
O, R, U, X, A, .....

A D

B C
C B

D E
Answer: A

## Question 9

Identify the odd one from the following.

A LKJI

B ZYXW
c DCBA
D QRSP
Answer: D

Question 10
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 dolls are flowers.
No trees are dolls.
Conclusions:
I. No dolls are trees.
II. Some flowers are trees.

A Both conclusions I and II follow.
B Only conclusion I follows.
C Neither conclusion I nor conclusion II follows.

D Only conclusion II follows.
Answer: B

Question 11
A square transparent sheet with a pattern is given. Select from among the four alternatives how the pattern would appear when the transparent sheet is folded at the dotted line.


A


B


C


D


Answer: C

Question 12
If $\mathrm{D}=4$ and $\mathrm{G}=7$ then GARDEN $=$ $\qquad$

A 47

B 49

C 40

D 50
Answer: B

Question 13
If CHILDREN is coded as LIHCNERD, then MOVEMENTwill be coded as $\qquad$

A TNEMEVOM

B EVOMMENT

C EVOMTMEN

D EVOMTNEM
Answer: D

Question 14
Select the option figure which when placed in the blank space of the problem figure would complete the pattern.

Problem Figure:


A


B


C


D


Answer: A

## Question 15

Five students took part in a cycling competition. Robert finished before Monish but behind Gunjan. Anil finished before Sunil but behind Monish. Who won the competition?

A Robert
B Gunjan

C Monish
D Anil
Answer: B

## Question 16

Select the Venn diagram that best illustrates the relationship between the three given classes.
School, Teacher, Student

A



B


C


D


Answer: D

## Question 17

Select the option that is analogousto the given pair.
CD: HI

A PQ: UV

B IJ:MN

C KL: NO

D $A B: X Y$
Answer: A

Question 18
Identify the odd pair from the following.

A Egypt: Cairo
B Iraq: Dinar

C Greece: Athens

D Italy: Rome
Answer: B

Question 19
Five students are standing in a line. Suman is standing next to Pranav but not next to Deena. Kumar is standing next to Raju. who is standing on the extreme left, and Deena is not standing next to Kumar. Who is standing in the middle?

A Deena

B Raju

C Kumar

D Suman
Answer: D

Question 20
Identify the odd one from the following.

A Down

B Large

C Above

D Up
Answer: B

## Question 21

Choose the option figure in which the problem figure is hidden/embedded. (Rotation is not allowed)


A


B


C


D


Answer: B

## Question 22

Identify the number that is different from the rest.

A 196
B 256

C 252
D 121
Answer: C

Question 23
Identify the correct option to complete the following series.
1, 3, 5, 11, 21, 43, 85, 171,

A 354

B 247
C 341

D 342
Answer: C

Question 24
Identify the number that DOES NOT belong to the following series.
2, 9, 28, 64, 126, 217, 344, 513

A 28

B 513
C 344

D 64
Answer: D

Question 25
Six offices on a floor are allotted to A, B, C, D, E and F, respectively. The offices are arranged in two rows, one facing the north and the other facing the south. B got a north-facing office and is not next to D. D and $F$ got diagonally opposite offices. $C$, whose office is next to $F$, got a south-facing office, and $E$ got a north-facing office.
Which of the following combinations got south-facing offices?

A ABC
B FCA

C BED

D FAE
Answer: B

## General knowledge

For the following questions answer them individually
Question 26
$\qquad$ is also known as 'The Light of Asia'.

A Rumi
B Buddha

C Gandhi
D Swami Vivekananda
Answer: B

Question 27
Which of the following is NOT a part of the endocrine system?

A Pineal gland
B Salivary gland
C Thymus
D Adrenal gland
Answer: B

Question 28
The book 'India 2020'is written by

A Dr A.P.J Abdul Kalam

B Pranab Mukherjee
C Prasoon Joshi
D Ram Nath Kovind
Answer: A

## Question 29

When did the civil war in Sri Lanka end?

A 2009

B 2001
C 1800
D 1909
Answer: A

## Question 30

The famous classical dance style of Tamil Nadu is:

A Bharatanatyam
B Mohiniyattam
C Kuchipudi

D Kathak
Answer: A

## Question 31

On the basis of nominal GDP,India is the world's $\qquad$ largest economy in 2018.

A tenth
B third

C fifth

D seventh
Answer: D

## Question 32

GST stands for $\qquad$

A Goods and Services Tax
B Growth and Service Tax
C Growth and Sale Tax

D Goods and Sales Tax
Answer: A

## Question 33

The full form of DNA is:

A deoxyribeneutral acid
B deltanucleic acid
C deoxyribonucleic acid
D dyoxyenucleic acid
Answer: C

## Question 34

Which if the following statements is correct in the context of Indian Democracy?

A allows people to choose their representatives.
B allows people to take over the country in cases of financial emergency.
C commands people to pay taxes for pilgrimage.
D allows the military to rule the country.
Answer: A

## Question 35

In which of following locations did the 1920 Indian National congress take place?

A Thiruvananthapuram
B Mumbai
C Tripura
D Nagpur
Answer: D

## Question 36

is the smallest state of India.

A Punjab

B Goa
C Sikkim
D Tripura
Answer: B

Question 37
Pietra Dura, the inlay technique of architecture can be found in which of the following monuments?

A Taj Mahal
B India Gate
C Char Minar
D Gateway of India
Answer: A

Question 38
The $\qquad$ is a bird which symbolises peace.

A dove

B peacock

C owl
D crow
Answer: A

## Question 39

The $\qquad$ is a major iron ore belt in India.

A Tamil Nadu-Chhattisgarh belt

B Gujarat-Rajasthan belt

C Uttar Pradesh-Bihar belt
D Odisha-Jharkhand belt
Answer: D

## Question 40

$\qquad$ is the primary sector of the Indian economy.

A Banking

B Information and Technology
C Agriculture
D Judiciary
Answer: C

## Question 41

Jean Jacques Rousseau was a famous $\qquad$

A Philosopher
B Painter

C Doctor

D Monarch
Answer: A

## Question 42

The chemical name of table salt is $\qquad$

A hydrogen chloride

B sodium chloride
C sodium hydrogen carb

D sodium carbonate
Answer: B

## Question 43

Which is the longest bone in the human body?

A Ulna

B Radius

C Tibia

D Femur
Answer: D

## Question 44

The Soviet Union broke downin the year

A 1991
B 1880

C 2000
D 1900
Answer: A

Question 45
.......... is the first Indian woman to swim across the English Channel.

A Shivani Kataria
B Shikha Tandon
C Sania Mirza
D Aarti Saha
Answer: D

## Question 46

Lavani is a folk dance form of:

A Maharashtra
B Rajasthan
C Gujarat
D Bihar
Answer: A

## Question 47

The green pigment present in leaves is called $\qquad$

A phloem
B xylem
C chlorophyll
D tissue
Answer: C

## Question 48

The attack by the third estate on the Bastille prison sparked the $\qquad$

A Russian Revolution
B French Revolution
C Break up of Soviet Union
D The fall of Tsar
Answer: B

## Question 49

....... is the first Indian female to win a silver in the Olympics.

A P.V. Sindhu
B Tanvi Lad

C Arundhati Pantwane
D Saina Nehwal
Answer: A

## Question 50

The river Narmada rises in Madhya Pradesh from the $\qquad$

A Amarkantak hills
B Aravalli hills
C Nilgiri hills
D Satpura range
Answer: A

## Quant

## Instructions

For the following questions answer them individually
Question 51
If the average of five observations $a_{1}, a_{2}, a_{3}, a_{4}$ and $a_{5}$ is $\mathbf{N}$, then what is the average of five new observations $a_{1}-100, a_{2}-100, a_{3}-100, a_{4}-100$, and $a_{5}-100$ ?

A $\mathrm{N}-20$

B $\mathrm{N}-100$
C $\mathrm{N}-40$

D $\mathrm{N}-150$
Answer: B

## Question 52

If the length of the diagonal of a square is $10 \sqrt{2} \mathrm{~cm}$, then what will be area of the square?

A $200 \mathrm{~cm}^{2}$

B $100 \mathrm{~cm}^{2}$

C $100 \sqrt{2} \mathrm{~cm}^{2}$

D $50 \mathrm{~cm}^{2}$
Answer: B

## Question 53

Rajesh goesto his office at the speed of $25 \mathrm{~km} / \mathrm{hr}$ and returnsto his homeat the speed of $20 \mathrm{~km} / \mathrm{hr}$. If he takes total 9 hours, then whatis the distance between his office and home?

A 120 km

B 90 km

C 140 km

D 100 km
Answer: D

Question 54
A sum becomes $₹ 10650$ in 5 years and $₹ 11076$ in 6 years at simple interest. What is the sum?

A ₹ 8946

B ₹ 8740

C ₹ 8520
-
Answer: C

Question 55
If cost price of an article is ₹ 220 andprofit is $20 \%$, then what will be the selling price of the article?

A ₹264

B ₹216

C ₹176

D ₹256
Answer: A

## Question 56

The height of a cone is 16 cm and radius of its base is 30 cm .lf the rate of painting it is $₹ 14 / \mathrm{cm}^{2}$, then what will be the total cost in painting the curved surface of cone from outside?

A ₹ 42220
B ₹44880

C ₹36820

D ₹46540
Answer: B

## Question 57

A sum becomes 5 times of itself in 3 years at compound interest (interest is compounded annually). In how many years will the sum becomes $\mathbf{1 2 5}$ times of itself?

A 9
B 6

C 8

D 12
Answer: A

Question 58
What is the Highest Common Factor of $2^{3} \times 3^{5}$ and $3^{3} \times 5^{2}$ ?

A $\quad 2^{3} \times 3^{5} \times 5^{2}$
B $3^{3}$

C $\quad 2^{1} \times 3^{3} \times 5^{1}$
D $3^{5} \times 5^{2}$
Answer: B

Question 59
A alone can complete a work in 6 days and $B$ alone can complete the same work in 8 days. In how many days both $A$ and $B$ together can complete the same work?

A $\quad 48$ days
B $\quad 35$ 35
13
days

C $\quad \begin{array}{r}26 \\ \text { days }\end{array}$
D $\quad \begin{array}{r}24 \\ 7\end{array}$ days
Answer: D

## Question 60

The length, breadth and height of a room is 21 metres, 12 metres and 16 metres. What will be the length of the largest rod that can be placedin that room?

A 32 metres
B 25 metres
C 31 metres
D 29 metres
Answer: D

## Question 61

The line chart given below shows the profit percentage of a company on 5 different products P1, P2, P3, P4 and P5.


The revenue of product P 3 is $\mathbf{3 8 1 0 0}$. What is expenditure of product P 3 ?

A ₹30000
B ₹32000
C ₹ 35000

## D ₹29000

Answer: A

## Question 62

Find the value of $5{ }_{2}^{1}-\left[3{ }_{4}^{1}+6-4 \div 2\right]$

A $\quad \begin{gathered}-5 \\ 4\end{gathered}$

B $\quad 5$
C $\quad 7$
D ${ }^{-7}$
Answer: D

## Question 63

If Sonu is driving a car at a speed of $20 \mathrm{~m} / \mathrm{s}$, then in how much time Sonu will cover a distance of 936 km ?

A 18 hr

B 46.8 hr

C 21 hr
D $\quad 13 \mathrm{hr}$
Answer: D

Question 64
Anil, Deepak and Dinesh together can complete a work in 35 days. Anil and Dinesh together can complete the same work in 60 days. In how many days Deepak alone can complete the same work?

A 105 days
B 84 days
C 96 days
D 110 days
Answer: B

## Question 65

The bar chart given below shows the amount of sugar used in making 7 different varieties of sweets S1, S2, S3, S4, S5, S6 and S7 has been shown as a percentage of total weight of the sweet.


The total weight of sweet S 4 is 150 kg . What is the amount of sugar used in sweet S4?

A 35 kg
B $\quad 27 \mathrm{~kg}$
C 25 kg

D 31 kg
Answer: B

## Question 66

A bag has ₹420 in the denomination of ₹ 1 , ₹ 2 and ₹ 5 coins. The number ₹ 1 , ₹ 2 and $\mathbf{F} 5$ coinsare in the ratio of 8: 1:5. How many coins of ₹ 5 are in the bag?

A 12

B 24

C 48

D 60
Answer: D

## Question 67

The average weight of a group of 22 students increases by 1 kg when the weightof the teacher is also included. If the initial average weight of the group of 22 students was $31 \mathbf{k g}$, then whatis the weight of the teacher?

A $\quad 54 \mathrm{~kg}$
B $\quad 57 \mathrm{~kg}$
C 48 kg

D $\quad 53 \mathrm{~kg}$

## Answer: A

Question 68
$u: v=4: 7$ and $v: w=9: 7$. If $u=72$, then what is the value of $w ?$

A 98

B 77

C 63
D 49
Answer: A

Question 69
If $\mathbf{P}$ is $\mathbf{4 0 \%}$ less than $Q$, then $Q$ is how much percentage more than $P$ ?

A $40 \%$

B 66.66\%

C 60\%
D 33.33\%
Answer: B

## Question 70

The line chart given below shows the ratio of imports to exports for a country for 5 consecutive years Y1, Y2, Y3, Y4 and Y5.


If the exports for year Y 3 is $₹ 35000$ crore, then what will be imports (in crores) for the year Y3?

A ₹ 35500
B ₹38500

C ₹43500

D ₹41500
Answer: B

## Question 71

An article is sold for ₹ 4777 after giving discount of $15 \%$. What is the marked price of article?

A ₹5620
B ₹5494
C ₹5348

```
D ₹5525
```

Answer: A

## Question 72

What is the value of $\left[10{ }_{3}^{1} \div{ }_{3}^{5}(10+14 \div 3-1)\right]$ ?

A $\quad \begin{array}{r}93 \\ 205\end{array}$

B $\quad \begin{aligned} & 33 \\ & 50\end{aligned}$

| C $\quad 29$ |
| :--- |
| 88 |

D $\quad \begin{aligned} & 31 \\ & 85\end{aligned}$
Answer: A

## Question 73

The price of two articles are in the ratio of 3:2 respectively. The price of first article is increased by 40\% and the price of second article is decreased by $x \%$. If the new ratio of the price of the two articles is $7: 3$ respectively, then what is the value of $x$ ?

A 20

B 15
C 30

D 10
Answer: D

Question 74
A bowler has taken $0,3,2,1,5,3,4,5,5,2,2,0,0,1$ and 2 wickets in 15 consecutive matches. What is the mode of the given data?

A 0

B 5

C 2
D 3
Answer: C

Question 75
Manish purchased books at the rate of ₹ 225 per book and sold them at the rate of $₹ 162$ per book. What will be the loss on selling 7 books?

A ₹ 441

B ₹63
c ₹315
D ₹28
Answer: A

## English

## Instructions

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

A Business

B Bussiness

C Buisness

D Businnes
Answer: B

## Question 77

Select the word which means the same as the group of words given. One who talks a lot

A glutton
B tacitumn

C Ioquacious
D gullible

## Answer: B

Question 78
Select the most appropriate word to fill in the blank.
Let's go out now. Itisn't $\qquad$ anymore.

A rained

B rains

C rain

D raining
Answer: A

## Question 79

From the given options, identify the segment in the sentence which contains the grammatical error. He will not be able to attend the school function tomorrow, will you?

A will not be

B the school function
C will you?

D to attend
Answer: A

## Question 80

From the given options, identify the segment in the sentence which contains the grammatical error. Many students thought that this year's question paper was very tough as compared to last year.

A was very tough
B Many students thought

C compared to last year
D that this year's
Answer: B

## Question 81

Select the most appropriate option to substitute the underlined segment in the given sentence.If there is no need to substitute it, select No Improvement.
A young taxi driver has claimed that a monster attacked him while he drove along a lonely road.

A while he is driving
B as long as he drove

C while he was driving
D No improvement
Answer: B

## Question 82

Select the option that means the sameas the given idiom.
To pay through the nose

A To pay willingly

B To pay excessively
C To pay easily
D To pay reluctantly
Answer: C

## Question 83

Select the antonym of the given word.

## EMANCIPATION

A freedom

B bondage
C liberty

D riddance
Answer: C

## Question 84

Select the option that means the sameas the given idiom.
To jump on the bandwagon

A To follow popular trends
B To fall into misfortune
C To take a calculated risk
D To run after the unachievable
Answer: A

## Question 85

Select the most appropriate word to fill in the blank.
The judge found him $\qquad$ of murder.

A criminal

B innocent

C guilty

D honest
Answer: B

## Question 86

Select the most appropriate word to fill in the blank. 1950 is year in which India became a republic.

A the
B a

C one

Answer: A

## Question 87

Select the antonym of the given word.

## AFFLICTION

A agony
B discomfort

C anguish
D pleasure
Answer: B

## Question 88

## Select the synonym of the given word. SUITABLE

A ideal
B awkward
C friendly
D appropriate
Answer: C

## Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Passage:

Generations of women in the southern Indian state of Tamil Nadu have been diving to $\qquad$ (1) seaweed to help support their families $\qquad$ (2) womenhead to the sea on $\qquad$ (3) unique quest. Clad in traditional saris and goggles, they .(4) into the ocean to collect coral and seaweed .........(5) grow on underwaterrocks. Seaweed is used in food and to make various drugs and chemicals.

## Question 89

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

A grow
B collect

C build

D assemble
Answer: B

## Question 90

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

A That
B This
C Those

D These
Answer: C

## Question 91

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

A a

B the
C any
D an
Answer: A

Question 92
Select the most appropriate option that will fill in the blank number 4 .

A float

B dive
C swim
D fall
Answer: D

Question 93
Select the most appropriate option that will fill in the blank number 5 .

A which
B what

C who

D whom
Answer: D

## Instructions

For the following questions answer them individually

## Question 94

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
The torch fall from his trembling hand and he ran wildly towards the school building.

A No improvement
B felled from his trembling hand

C falling from his trembling hand
D fell from his trembling hand
Answer: D

## Question 95

Select the most appropriate wordto fill in the blank.
Shall we $\qquad$ his invitation to dinner.

A except

B accept

C agree
D expect
Answer: A

## Question 96

From the given options, identify the segment in the sentence which contains the grammatical error. The TV anchor insisted on me to participate in the debate.

A The TV anchor

B in the debate

C to participate
D insisted on me
Answer: A

## Question 97

Select the synonym of the given word.
MAGNIFICENT

A expensive
B modest

C grand
D huge
Answer: B

## Question 98

Select the most appropriate option to substitute the underlined segment in the given sentence.If there is no need to substitute it, select No Improvement.
Mumbai has a lot of heritage structures which badly need restoration.

A lot of

B No improvement
C many of
D few of
Answer: D

## Question 99

Select the correctly spelt word.

A Recipt
B Reseipt

C Receipt

D Receit
Answer: B

Question 100
Select the option that means the same as the following phrase. One who is outgoing

A vagabond
B explorer
C extrovert
D introvert
Answer: A

## prepp

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