## prepp

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## SSC GD Exam

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## Reasoning

## Instructions

For the following questions answer them individually
Question 1
In a certain code, LOVE is written as OLEV. How will IRIS be written in that code?

A IIRS
B IRSI

C RSII

D RISI
Answer: D

Question 2
In a certain code, $A X E$ is written as 120 . How will FEE be written in that code?

A 150
B 80

C 60

D 20
Answer: A

## Question 3

Choose the odd one out of the given options.

A BIJ

B DGJ
C EGI

D CHI
Answer: D

## Question 4

A square transparent sheet with a pattern is given. How will the pattern appear when the transparent sheet is folded along the dotted line?


A


B


C


D


Answer: A

Question 5
Select the option that is related to the third term in the same wayas the second term is related to the first term.
EFG: JLN :: GKM : ?

A NZY

B NVZ
C NUZ
D KMG
Answer: B

## Question 6

Select the Venn diagram that best represents the given set of classes.
Furniture, Chairs, Trees

A


B


C


D


Answer: A

## Question 7

Eight friends A, B, C, D, E, F, G and H are sitting around circular table facing each other for a lunch. A is opposite $D$ and third to the right of $B$. $G$ is between $A$ and $F$. is to the immediate right of $A$. $E$ is between C and D. Who is sitting opposite C?

A B

B F

C G
D E
Answer: B

## Question 8

Select the option that will correctly replace the question mark (?) in the given pattern.


A 206

B 216

C 6

D 36
Answer: B

## Question 9

J, K L, M, N and O are six teachers. Each one teaches a different subject out of Hindi, English, Math, Science. Social Science and Arts, not necessarily in the same order. Each of them teaches on only one day, from Mondayto Saturday. not necessarily in the same order.

J teaches Science on Wednesday. O teaches Math second after J. K teaches on the first day of the week, but teaches neither Hindi nor English. M teaches English before $\mathbf{N}$ and L teaches Arts before J. Who teaches on Saturday?

A M
B N
C K

D L
Answer: B

Question 10
Select a figure from amongst the four alternatives that when placed in the blank space (?) of figure $X$ will complete the pattern. (Rotation is not allowed).


A


B


C


D


Answer: D

## Question 11

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


A


B


C


D


Answer: D

Question 12
Seven friends $\mathbf{O}, \mathbf{P}, \mathbf{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}$ and U are watching a movie sitting in a row. P is sitting at one extremeend. $Q$ is sitting to the immediate left of $S$. $P$ is sitting second to the right of $T$. $U$ is not sitting at any extreme end. $O$ is sitting between $R$ and $T$. Who is sitting between $P$ and $T$ ?

A Q

B R

C U
D O
Answer: C

Question 13
Choose the option that would follow next in the given figure series.


A


B


C


D


Answer: B

## Question 14

Select the option that is related to the third term in the same wayas the second term is related to the first term.
Pathology : Diseases :: Astronomy : ?

A Future
B Soil

C Planets
D Shells
Answer: C

## Question 15

Select the option that will correctly replace the question mark (?) in the series.
109, 105, 89, 53, ?

A 10
B 11
C -10

D -11
Answer: D

## Question 16

Choose the option in which the figure marked ' $x$ ' is embedded. (Rotation is not allowed)


A


B


C


D


Answer: D

Question 17
Select the option that will correctly replace the question mark (?) in the series. TOD, RQB, PSZ, NUX,?

A LWW

B LWV

C LVW
D LWU
Answer: B

Question 18
Choose the odd number out of the given options.

A 45

B 75

C 85
D 105
Answer: C

Question 19
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 at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
Statements:

1) All nails are pins.
2) All hammers are pins.

Conclusion:
I. No nail is a pin.
II. Some pins are nails.

A Neither conclusion I nor conclusion II follows.
B Only conclusion II follows.
C Only conclusion I follows.

D Both conclusions follow:
Answer: B

Question 20
Select the option that will correctly replace the question mark (?) in the series.
9, 21, 38, 65, ?

A 125

B 115

C 105

D 107
Answer: D

Question 21
Choose the odd one out of the given options.

A Purple
B Yellow

C Red

D Blue
Answer: A

## Question 22

Select the option that is related to the third number in the same way as the second number is related to the first number.
24: 4: 45:?

A 5

B 7

C 8

D 6
Answer: A

## Question 23

Select the option that is related to the third term in the same wayas the second term is related to the first term.
Famous : Obscure :: Crazy : ?

A Sane

B Clever

C Sink

D Foolish
Answer: A

Question 24
Find out the two signs to be interchanged to make the following equation correct.
$15+15 \times 15-15 \div 15=15$

A - and :

B + and -

C $\times$ and :

D + and $\times$
Answer: A

## Question 25

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 at variance with generally established facts. decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
Statements:

1) Some angers are griefs.
2) Some griefs are loves.

Conclusion:
I. Some griefs are angers.
II. Some loves are griefs.

A Both conclusions follow.
B Only conclusion II follows.
C Only conclusion I follows.
D Neither conclusion I nor conclusion II follows.
Answer: A

## General knowledge

## Instructions

For the following questions answer them individually
Question 26
With which Mughal ruler is the Moti Masjid in Agra associated?

A Aurangzeb

B Akbar

C Humayun
D Shah Jahan
Answer: D

## Question 27

Which of the following statements is NOT correct about the factors that gave rise to the Consumer Movement in India?

A Frequent food shortages
B Hoarding and Black Marketing
C Adulteration of food

D Tax on soft beverages
Answer: D

## Question 28

Which festival is celebrated to mark the birth anniversary of Prophet Muhammad?

A Eid-ul-fitr

B Shab-i-baraat
C Id-ul-azha

D Milad-un-nabi

Question 29
What are dolphins, porpoises and whales called?

A Smack

B Amphibian

C Odontocetes

D Cetaceans
Answer: D

## Question 30

Which food delivery service provider was recently acquired by Ola?

A Foodpanda

B Uber eats

C Zomato

D Swiggy
Answer: A

## Question 31

What is the child sex ratio?

A Number of males per thousand females in the age group 0-15

B Number of females per thousand males in the age group 0-6
C Number of females per hundred males in the age group 0-6

D Number of females per hundred males in the age group 0-15
Answer: B

Question 32
Who won his first Stuttgart Open men's singles title in June 2018?

A Dominic Thiem

B Nicolas Mahut

C Roger Federer

D Milos Raonic
Answer: C

## Question 33

When was Rowlatt Satyagraha launched and by whom?

A 1929, Mahatma Gandhi

B 1915, Motilal Nehru

C 1919, Mahatma Gandhi

D 1930, C.R. Das
Answer: C

Question 34
$\qquad$ cropping refers to, growing two or more crops simultaneous on the same piece of land

A Simple
B Complex
C Mixed

D Inter
Answer: C

## Question 35

Which of the following is the national aquatic animal of India?

A Whale

B Turtle

C Sea Horse

D River Dolphin
Answer: D

## Question 36

Which of the following is a subject of the state list?

A Banking

B Defence

C Police

D Forests
Answer: C

## Question 37

Which British Viceroy in India carried out the partition of Bengal?

A Lord Canning
B Lord Lytton
C Lord Dalhousie

D Lord Curzon
Answer: D

## Question 38

The National Sports Development Fund (NSDF) wasestablished by the Central Government in the year

A 1997

B 1998
C 1996

D 1999
Answer: B

Question 39
Which startup was recently honoured by UN for its efforts in cleaning the Ganga river?

A Navdanya Trust
B Satpuda foundation
C HelpUsGreen
D World Wide Fund
Answer: C

Question 40
'Double coincidence of wants' is a feature of which system?

A Forex system
B Barter system

C Equity system
D Liquidity system
Answer: B

## Question 41

Curd is formed with the help of $\qquad$ bacteria.

A Bifidobacterium bifidum

B Lactic acid
C Lactobacillus acidophilus
D Bacillus coagulans
Answer: C

## Question 42

Which of these countries is an example of 'holding together federation'?

A New Zealand
B Australia
C USA

D India
Answer: D

## Question 43

Kalaripayattu is the martial art form prevalent in which Indian state?

A Tamil Nadu

B Kerala
C Karnataka
D Odisha
Answer: B

Question 44
Which option represents the crops that are grown in June-July and are harvested in September-October?

A Rice, cotton
B Melon, barley
C Cucumber, watermelon
D Peas, wheat
Answer: A

Question 45
Which Indian state is the largest bauxite producing state?

A Odisha
B Bihar

C Madhya Pradesh
D Jharkhand
Answer: A

Question 46
Which tennis player received the Padma Shri in sports in 2018?

A Yuki Bhambri
B Sania Mirza

C Leander Paes
D Somdev Devvarman
Answer: D

## Question 47

Who is the author of the book 'Exam Warriors'?

A Narendra Modi

B Manmohan Singh
C Sushma Swaraj
D Arun Jaitley
Answer: A

## Question 48

Which declaration was signed at UNCED 1992 at Rio De Janeiro, Brazil?

A Agenda 39
B Agenda 19

C Agenda 22
D Agenda 21
Answer: D

Question 49
What is the range of pH scale?

A 0 to 14
B 1 to 10
C 1 to 7

D 0 to 10

Answer: A

Question 50
What was the capital of the Mauryan empire?

A Pataliputra
B Vaishali
C Indraprastha

D Kusinagra
Answer: A

## Quant

## Instructions

For the following questions answer them individually
Question 51
A shopkeeper sells an article at a certain price. What is his gain or loss percent, if by selling it at 75\% ofthat price, he loses $10 \%$ ?

A Gain, 20\%
B Gain, 25\%

C Loss, 20\%

D Loss, 25\%
Answer: A

Question 52
A man can rowdownstream a distance of 9 km in 2 hours and takes 6 hours while returning to the starting point. What is the speed (in $\mathrm{km} / \mathrm{h}$ ) of the stream?

A 2

B 2.5

C 1.5

D 3
Answer: C

## Question 53

The average weight of a certain number ofstudents in a groupis 54 kg . if 12 students of average weight $52 \mathbf{k g}$ join the group, then the average weightofall the students in the group decreases by 750 g . what was the numberof students, initially in the group?

A 18
B 24
C $\quad 15$

D 20
Answer: D

## Question 54

Surbhi can do a piece of work in 24 days. She completed ${ }_{8}^{3}$ of the work and then left it. Amita complete the remaining work in $\mathbf{1 0}$ days. Working together, they will complete $125 \%$ of the same work in:

A 10 days
B 9 days

C 12 days

D 15 days
Answer: C

Question 55
Study the following table and answer question.
Number of students appeared in an examination from five cities:

| Cities | No.of Students <br> (in thousands) | Ratio of <br> students passed <br> and failed |
| :---: | :---: | :---: |
| A | 54 | $5: 04$ |
| B | 126 | $4: 03$ |
| C | 84 | $10: 11$ |
| D | 96 | $9: 07$ |
| E | 132 | $6: 05$ |

The ratio of the total number of students passed in the examination from cities $A$ and $D$ to that of students failed from cities $B$ and $E$ ?

A 9:16

B 5:9

C 13:18
D 14: 19
Answer: D

## Question 56

The ratio of ages of $A$ and $B, 4$ years ago, was 5: 7. The ratio of their ages after 4 years from now will be 7 : 9. What will be the ratio of ages of $A$ and after 12 years from now?

A $8: 13$
B 13:17
C 9:11

D 15: 19
Answer: C

## Question 57

The surface area of a cuboidal box is $240 \mathrm{~cm}^{2}$ and the length of its diagonal is 11 cm . What is the sum (in cm )of its length, breadth and depth?

A 21

B 19
C 20

D 17
Answer: B

Question 58
The area of an equilateral triangle is $6 \sqrt{3}$ times the area of a rhombus whose one side measures 13 cm and one diagonal
is $\mathbf{1 0} \mathbf{~ c m}$. The length of side of the triangle, in $\mathbf{c m}$, is:

A $36 \sqrt{6}$

B $24 \sqrt{6}$

C $24 \sqrt{5}$

D $12 \sqrt{6}$
Answer: C

Question 59
Let $x$ be the least number which when divided by 12, 15, 18, 20 and 27 , the remainder in each case is 2, but $x$ is divisible by 23. If $x$ is divided by the sum of its digits then the quotient is:

A 196

B 149

C 193

D 199
Answer: A

## Question 60

Two trains $A$ and $B, 186 \mathrm{~m}$ and 200 m long.are running at $64 \mathrm{~km} / \mathrm{h}$ and $80 \mathrm{~km} / \mathrm{h}$, respectively on parallel tracks. If they are runningin the opposite directions, then how much time(in seconds) will a person sitting in the first train $A$ take to cross the other train?

A 5.5

B 5

C 6

D 4.5
Answer: B

## Question 61

The ratios of spirit and water in vessels $A$ and $B$ are 4:5 and 7: 11, respectively. The contents of $A$ and $B$ are mixed in the ratio $2: 5$. What is the ratio of spirit and water in the resulting solution?

A 22:75

B 53:75

C 17:25

D 13: 20
Answer: C

## Question 62

The average of 17 numbersis 29. The averageoffirst 9 numbers is 31 and the averageof the last 9 numbers is 27 . If 9 th number is excluded, then what is the average of the remaining numbers?

A 31

B 31.6

C 29.5

D 29
Answer: D

## Question 63

$0.2 \div 0.2$ of $0.1-0.03 \div 0.6 o f 0.01$
The value of $0.25 \times 0.75 \div 1.250 f 0.4+0.125$ lies between:

A 10.5 and 11.5
B $\quad 11.5$ and 12.5

C 9.5 and 10.5

D 8.5 and 9.5
Answer: C

## Question 64

The difference between the mean and median of the data $66,59,68,65,62,59,58,56,63,65$ is:

A 0.4

B 1

C 0.8

D 0.5
Answer: A

Question 65
A certain sum amounts to ₹ 9243.20 in $1{ }_{2}^{1}$ years at $4 \%$ p.a. simple interest. What will be the simple interest on the same sum for $7{ }_{2}^{1}$ years at $\mathbf{8 \%}$ per annum?

A ₹5580

B ₹5223

C ₹5232

D ₹5508
Answer: C

## Question 66

A sum of $₹ 12000$ will amount to $₹ x$ at $12 \%$ p.a after 2 years, when the interest is compounded 8 -monthly. The value of $x$ is (nearest to an integer)

A 15111

B 15083

C 15117

D 15053
Answer: C

Question 67
The radius of a metallic sphere is 3 cm .it is melted and drawn into a wire of uniform circular section of 0.1 cm . the length of the wire will be (in m):

A 44

B 24

C 36

D 40
Answer: C

## Question 68

Anusells an article at a profit of $25 \%$. If she had boughtit at $25 \%$ less and sold it for $₹ \mathbf{3 0 . 2 5}$ less she would have gained $30 \%$. Whatis the originalprice (in ₹) of the article?

A 108
B 105.50

C 105.80

D 110
Answer: D

Question 69
The ratio of the mean proportional between 0.7 and 2.8 and the third proportional to 2.5 and 3.5 is:

A $7: 2$
B 2:7

C 7:3

D 3:7
Answer: B

## Question 70

Study the following table and answer question.
Number of students appeared in an examination from five cities:

| Cities | No.of Students <br> (in thousands) | Ratio of <br> students passed <br> and failed |
| :---: | :---: | :---: |
| A | 54 | $5: 04$ |
| B | 126 | $4: 03$ |
| C | 84 | $10: 11$ |
| D | 96 | $9: 07$ |
| E | 132 | $6: 05$ |

The total number of students who appeared in the examination from cities $C$ and $D$ is what percent more than the total number of students who failed in cities $A, B$ and $E$ ? (nearest to an integer)

A 44

B 30

C 41
D 42
Answer: B

Question 71
The value of $\left[{ }^{2} \stackrel{8}{3} \div{ }^{8}\right.$ of ${ }^{2} 5+{ }_{5}^{2}$ of $\left.7{ }_{2}^{1} \div{ }_{4}^{3}\right]$ of ${ }_{19}^{4}$ is:

A 1
B $\quad 1 \begin{aligned} & 1 \\ & 4\end{aligned}$
C $\quad 1 \begin{aligned} & 1 \\ & \end{aligned}$
D $\quad \begin{aligned} & 1 \\ & 2\end{aligned}$
Answer: C

## Question 72

Study the following table and answer question.
Number of students appeared in an examination from five cities:

| Cities | No.of Students <br> (in thousands) | Ratio of <br> students passed <br> and failed |
| :---: | :---: | :---: |
| A | 54 | $5: 04$ |
| B | 126 | $4: 03$ |
| C | 84 | $10: 11$ |
| D | 96 | $9: 07$ |
| E | 132 | $6: 05$ |

The number of cities in which passing percentage of students is below $56 \%$ is:

A 1

B 3
C 2

D 4
Answer: B

## Question 73

Two pipes $X$ and $Y$ can fill an empty tank in ' $t$ ' minutes. If pipe $X$ alone takes 6 minutes more than ' $t$ ' to fill the tank and $Y$ alone takes 54 minutes morethan ' $t$ 'to fill the tank, then $X$ and $Y$ together will fill the tank in:

A 18 sec
B $\quad 12 \mathrm{sec}$
C 27 sec
D 24 sec
Answer: A

## Question 74

The price ofoil is increased by $20 \%$. However, the expenditure on it increases by $\mathbf{1 5 \%}$. What is the percentage increase or decrease in the consumption of oil?

A $6{ }_{4}^{1} \%$, decrease
B $\quad 4{ }_{6}^{1} \%$, decrease
C $\quad 46 \%$, increase
D $6{ }_{4}^{1} \%$, increase
Answer: B

## Question 75

A person makes a profit of $\mathbf{1 7 \%}$ after allowing $\mathbf{1 0 \%}$ discount on its marked price. If he gives $\mathbf{1 4 \%}$ discount on the marked price, then his profit percent is:

A 11.8
B 14.6

C $\quad 10.6$

D 23.8
Answer: A

## English

## Instructions

For the following questions answer them individually
Question 76
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.
They thought she was arrogant, and she was very shy.

A as soon as she was

B so that she was

C No improvement
D whereas she was
Answer: D

## Question 77

From the given options, identify the segment in the sentence which contains the grammatical error. He not only got a scholarship and also a good job.

A and also
B a good job.
C not only

D got a scholarship
Answer: A

## Question 78

Select the most appropriate option to fill in the blank.
She did not reply $\qquad$ myLetter.

A against

B for
C with

D to
Answer: D

Question 79
Select the correctly spelt word.

A Fullfil
B Fullfill
C Fulfil
D Foolfil
Answer: C

Question 80
Select the word which means the same as the group of words given. The practice of marrying one person at a time.

A Monogamy
B Monotony
C Polygamy
D Bigamy
Answer: A

Question 81
Select the antonym of the given word.
Attack

A Defence
B Secure

C Assent

D Refuse
Answer: A

## Question 82

## Select the correctly spelt word.

A Remembrance
B Remembranse

C Remembarence

D Rememberance
Answer: A

## Instructions

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

Flood is a commonnatural disaster. Scientists have often tried to $\qquad$ (1) floods. There are a numberofreasonsthat
$\qquad$ .(2) floods, including heavy rain and cloudbursts. Due to these reasons, rivers $\qquad$ (3) their banks and cover the surrounding land. Sometimes, dams break and cause disastrous floods that $\qquad$ (4) to large-scale destruction. Timely safety should be taken to save humanlife and property.

## Question 83

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

A control

B predict

C prevent

D avoid
Answer: B

## Question 84

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

A occur

B arouse

C happen

D cause

Answer: D

## Question 85

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

A wash
B drown

C overflow

D reach
Answer: C

## Question 86

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

A lead
B led

C leading
D leads
Answer: A

## Question 87

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

A measures
B products
C items
D causes
Answer: A

## Instructions

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

A Perfect
B Same
C Corresponding
D Varied

## Question 89

Select the synonym of the given word.
GLEE

A Happiness
B Hearty
C Laughter
D Jump
Answer: A

Question 90
Select the word which means the same as the group of words given. That which can be seen through

A Vague
B Opaque

C Foggy
D Transparent
Answer: D

## Question 91

From the given options, identify the segment in the sentence which contains the grammatical error. The T.V. and the computer has been blamed for reduced reading habits amongst children.

A The T.V. and the computer
B has been blamed

C for reduced
D amongst children.
Answer: B

## Question 92

From the given options, identify the segment in the sentence which contains the grammatical error. I am fastly excited and really looking forward to the trip.

A to the trip
B and really

C looking forward
D I am fastly
Answer: D

## Question 93

Select the most appropriate word tofill in the blank.
He likes to do stunts with his bike. He is a $\qquad$

A daredevil

B busybody

C wind bag
D little bug
Answer: A

## 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.
There were not any excuse for not participating in the competition.

A No improvement

B no excuse

C no excuses

D no any excuse
Answer: C

Question 95
Select the antonym of the given word.
ABOVE

A Below

B Less

C Down

D Across
Answer: A

## Question 96

Select the option that means the same as the given idiom.
To measure swords

A To push an opponent
B To argue with someon
c To confess one's mistake
D To engage in competition
Answer: D

Question 97
Select the option that means the same as the given idiom.
Out of order

A Out of place
B In good condition
C Not in working condition
D Out of nowhere
Answer: C

## 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.
You need to curb your temper or you might offended someone.

A you might be offend
B you might offend
C No improvement
D you might offending
Answer: B

Question 99
Select the most appropriate option to fill in the blank.
I told him to avoid fighting, but he won't $\qquad$

A doing it

B did it

C do it
D does it
Answer: C

Question 100
Select the most appropriate word to fill in the blank.
My mother is $\qquad$ riser.

A a fast
B an early

## prepp

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