## prepp

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## SSC GD Exam

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(4) SSC CGL


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## Reasoning

## Instructions

For the following questions answer them individually
Question 1
If $A=2$ and $D=5$, and $S E A=28$, then COUNTRY $=$

A 123

B 132

C 112

D 121
Answer: A

## Question 2

Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.
Statements:

1) All students in my class are active.
2) Rohini is not active.

Conclusions:
I. Rohini is not a student of my class.
II. Rohini must be active.

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

## Question 3

Choose the word fromthe given options that is similar to the given words and hence belongs to the same group.
Lira, Dinar, Rupee

A Lisbon

B Cairo
C Rial

D Oslo
Answer: C

## Question 4

Select the correct option to complete the following pattern.


A


B


C


D


Answer: D

## Question 5

In the following number series, two numbers have been put within brackets. Study the series carefully andselect the correct alternative with respect to the series.
0, 7, 26, 63, (124), 215, 342, (512)

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

D Both the bracketed numbers are correct.
Answer: A

## Question 6

Select the option that most closely resembles the mirror image of the given word when the mirror is placed vertically.

## UNION

A NOINU
в ПИІОИ
c ИОІИU

D ИОІИП
Answer: C
Question 7
Select the figure that will come next in the following series.


A


B


C


D


Answer: B

## Question 8

Select the number that DOES NOT belong to the following group.
1, 2, 5, 12, 20, 32, 45

A 45

B 32

C 20

D 12
Answer: C

## Question 9

Ina private school, there were five teachers. Abi and Geetha were teaching French and English. Harini and Geetha were teaching English and Science. Diva and Abi were teaching Maths and French. Hema and Geetha were teaching Social Science and French.
Which subject is taught by maximum number of teachers?

A Science

B Maths

C French

D English
Answer: C

## Question 10

$\mathrm{L}, \mathrm{M}, \mathrm{N}$ and O are to be seated in a row. However, N and O cannot be together. Moreover, M cannotbein the third place from the left. $L$ and $M$ are sitting beside each other. Considering the seating from left to right which of the following must be true?

A N is at the third place.
B L is at the third place.

C N is at the first place.

D O is at the third place.
Answer: B

## Question 11

Select the Venn diagram that best represents the given set of classes.
Animals, Reptiles, Snakes

A


B


C


D


Answer: B

## Question 12

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

A 250
B 95

C 159

D 150
Answer: C

## Question 13

Given is a statement, followed by four conclusions. Read the statement carefully and decide which of the conclusions logically follow(s) from the given statement.
Statement:
This book can help because all good books help.
Conclusions:
I. This is not a good book.
II. This is a good book.
III. No good book helps.
IV. Some good books help.

A Only conclusion I follows.
B All the conclusions follow.
C Only conclusion II follows.
D Both conclusions III and IV follow.
Answer: C

## Question 14

Five friends are sitting in a circle, all facing the centre. Mohan is to the left of Raju. Vinith is to the right of Arjun and between Arjun and Naveen. Who is between Raju and Naveen?

A Arjun and Vinith
B Vinith

C Arjun

D Mohan
Answer: D

Question 15
Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

A Necklace
B Bracelet

C Jewellery
D Anklet
Answer: C

Question 16
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: D

## Question 17

Which two signs need to be interchanged to make the given equation correct?
$3 \div 2-4 \times 5+5=1$

A + and -

B $\times$ and -

C $\div$ and $\times$

D + and :
Answer: D

## Question 18

Select the option in which the given figure is embedded.


A


B


C
/

D


Answer: C

Question 19
Select the option that is related to the third term in the same wayas the second term is related to the first term.
Angle : Radian :: Mass: $\qquad$

A Kilogram

B Litre
C Degree
D Height
Answer: A

Question 20
Select the correct option that will fill in the blank and complete the series.
5, 22, 39, 56, $\qquad$ .?

A 89

B 76

C 73
D 87
Answer: C

Question 21
Identify the odd one from the following.

A dFh
B gHj

C uWy
D rTv
Answer: B

## Question 22

If CENTRAL is coded as BFMUQBK, then FRIENDS will be coded as $\qquad$

A ESHEMER

B ESHFMER
C ESHENER
D ESHFNER
Answer: B

## Question 23

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

A Chef: Knife
B Saw: Carpenter
C Sculptor: Chisel

D Doctor: Stethoscope
Answer: B

## Question 24

Select the option that is related to the third numberin the same way as the second number is related to the first number.
7:50::13: ?

A 160

B 144

C 170
D 169
Answer: C

Question 25
Select the term that will come next in the following series.
YCL, MQZ, $\qquad$ OSB

A AEN
B BFQ

C ADM
D BEM
Answer: A

## General knowledge

## Instructions

For the following questions answer them individually

## Question 26

Which of the following statements about 'Biological Magnification' is FALSE?

A Its maximum concentration is at the top level of the food chain.

B Its maximum concentration is at the bottom level of the food chain.

C It differs depending on the level of ecosystem.

D The chemicals enter the food chain through absorption from water or soil.
Answer: B

## Question 27

The first Mughal emperor, Babur cameto India from:

A Syria

B Greece

C Ferghana
D Persia
Answer: C

Question 28
Banks were nationalised in India through an ordinance passed in the year:

A 1976

B 1963

C 1969

D 1954
Answer: C

Question 29
Who presented the first Union Budget of Independent India?

A NV Gadgil
B Maulana Azad

C CD Deshmukh

D RK Shanmukham Chetty
Answer: D

## Question 30

$\qquad$ is the oldest mountain range in the Indian subcontinent.

A Himalaya
B Vindhya
C Aravali
D Satpura
Answer: C

## Question 31

'Sevasadan', 'Karmabhoomi' and 'Gaban' are some of the masterpieces of which Hindi writer?

A Bhisham Sahni
B Premchand
C Harishchandra
D Ramdhari Singh 'Dinkar'
Answer: B

## Question 32

As of January 2019, the Chief Minister of Chhattisgarh is:

A Shiv Dahariya
B Bhupesh Baghel
C Kamal Nath
D Kawasi Lakhma
Answer: B

## Question 33

Which of the following diseases is caused by bacteria?

A Rabies
B Chicken Pox
C Small Pox
D Tuberculosis

Answer: D

Question 34
Which of the following is NOT an amphibian?

A Frog
B Tortoise

C Salamander

D Toad
Answer: B

## Question 35

Life on earth began in the oceans almost $\qquad$ years ago.

A 1 billion
B 100 million
C 500 million

D 3.5 billion
Answer: D

## Question 36

Which chemical is widely used to unclog drains and sinks?

A Sodium Chloride
B Nitrogen Hydroxide
C Hydrogen Peroxide

D Sodium Hydroxide
Answer: D

Question 37
The concept offive - year plans in the Constitution of India is borrowed from

A Russia

B England
C The United States

D Germany
Answer: A

## Question 38

The Fiscal Year in India is considered between:

A 1 April- 31 March
B 1 January - 31 December
C 1 July - 30 June
D 31 March - April
Answer: A

## Question 39

Which state hosts the annual Surajkund Crafts fair?

A Rajasthan
B Uttar Pradesh
C Punjab
D Haryana
Answer: D

## Question 40

Which of the following statements with respect to Article 22 of the Constitution and Criminal Law on fundamental rights of an arrested person is NOT correct?

A The Right to be informed atthe time ofarrest of the offence for which the personis being arrested
B A boy under 15 years of age and women cannotbe called to the police station only for questioning
C The Right to be presented before a magistrate within 24 hours ofarrest
D Confessions made in police custody can be used as evidence against the accused
Answer: D

## Question 41

Which team has won the Ranji Trophy maximum number of times?

A Saurashtra
B Tamil Nadu
C Mumbai
D Vidarbha
Answer: C

## Question 42

Which country ranks first in the 'Per Capita' Summer Olympic medals tally?

A Netherlands

B Finland

C Japan

D Hungary
Answer: B

## Question 43

The Brahmaputra river is called 'Tsangpo' in Tibet. What is it called in Bangladesh?

A Meghna
B Padma

C Karnaphuli

D Jamuna
Answer: D

## Question 44

Chandragupta Maurya established the Mauryan Empire by defeating the:

A Nandas

B Chalukyas
C Pallavas

D Shungas
Answer: A

## Question 45

Victoria Memorial is located in:

A Lahore

B Mumbai

C Kolkata

D New Delhi
Answer: C

## Question 46

'Gidda' is a dance form of which state?

A Punjab
B Assam
C West Bengal
D Odisha
Answer: A

## Question 47

Who was the first Indian woman president of Indian National Congress?

A Vijaya Lakshmi Pandit
B Sarojini Naidu
C Sucheta Kriplani
D Aruna Asaf Ali
Answer: B

## Question 48

Which of the following statements is not a good argument in favour of a democracy?

A Democracies are more accountable to the people
B Democracies have better resolutions of conflicts
C People feel free and equal in a democracy
D Democracies are more prosperous than others
Answer: D

## Question 49

Which of the following statements about sound is FALSE?

A The audible range of an average human is $20 \mathrm{~Hz}-20 \mathrm{kHz}$.
B The speed of sound remains uniform irrespective of the temperature or medium.
C Sound travels as a longitudinal wave.
D Sound cannot travel in a vacuum.
Answer: B

## Question 50

The Dadasaheb Phalke Award announced in 2018 was awarded to:

A Late Yash Chopra
B Late Rajesh Khanna

C Late Shashi Kapoor
D Late Vinod Khanna
Answer: D

## Quant

## Instructions

For the following questions answer them individually

## Question 51

If the interest on money be 1 paisa per rupee per month, what is the rate per cent per annum?

A $12 \%$

B $15 \%$
C $10 \%$
D $\quad 10{ }_{2}^{1} \%$
Answer: A

Question 52
The median of the data $28,31,42,37,26,34,18,23$ is:

A 30
B 29.5

C 31.5

D 28
Answer: B

## Question 53

Study the following graph which shows the production (in thousands)of different items, and answer these questions.


The ratio between the number of pants produced by the company in the year 2014, 2015 and 2016 respectively is:

A 3:4:6

B 5:10:7

C 1:2:3

D 3:4:5
Answer: B

## Question 54

The area of an equilateral triangle is $173 \mathrm{~cm}^{2}$ then of the perimeter the equilateral triangle (use $\sqrt{3}=$ 1.73 ) is:

A 40 cm

B 60 cm

C 100 cm

D 20 cm
Answer: B

Question 55
A pen drive was sold at a price after giving two successive discounts of $\mathbf{3 0 \%}$ and $\mathbf{2 0 \%}$. If the selling price of the item was ₹ 560 , then what was the marked price of the pen drive?

A ₹1000

B ₹ 840

C ₹1140

D ₹1280
Answer: A

Question 56
A discount of $30 \%$ on the marked price of a shirt enables a man to purchasea tie also, which costs him ₹ 210. How much did the man pay for the shirt?

A ₹540

B ₹490

C ₹ 630
D ₹700
Answer: B

## Question 57

The cost price of 120 bags is $₹ 15$ each. 40 of them were sold for $₹ 18$ each. At what price should the remaining be sold in order to get an overall profit of ₹ 4 per bag?

A ₹19.5
B ₹22.5
C ₹16

D ₹ 20
Answer: A

## Question 58

Study the following graph which shows the production (in thousands) of different items, and answer these questions.


The total number of all products produced by the company in the year 2014 and 2016 together is:

A 105700
B 108500

C 1075

D 10750
Answer: B

## Question 59

Seven persons have $20,30,40,50,60,70$ and 80 chocolates with them. If each of them is given 5 chocolates additionally, what will be the average number of chocolates with them?

A 50

B 55

C 45
D 60
Answer: B

## Question 60

A beats B by 125 m in a kilometer race. Find B's speed if A's speed is $16 \mathrm{~m} / \mathrm{sec}^{\text {.: }}$

A $18 \mathrm{~m} / \mathrm{sec}$
B $\quad 14 \mathrm{~m} / \mathrm{sec}$

C $7 \mathrm{~m} / \mathrm{sec}$
D $21 \mathrm{~m} / \mathrm{sec}$
Answer: B

## Question 61

The ratio of the present ages of Meera and Sheela is 9:5. After 8 years Sheela would reachthe present age of Meera. What is the present ages (in years) of Sheela?

A 18
B 10

C 5
D 9
Answer: B

## Question 62

The difference between simple interest and compound interest on ₹ 2500 at 4\% per annum for two years is (in ₹):

A ₹ 40
B ₹4

C ₹45
D ₹ 14

## Question 63

Study the following graph which shows the production (in thousands)of different items, and answer these questions.


The difference between the total number of Shoes and Shirts produced by the company in the year 2016 and the number of Pants produced by the company in the year 2014 is:

A 40000

B 35000
C 32000

D 38000
Answer: A

## Question 64

Suresh sells a pen at ₹ $\mathbf{1 2 0}$ for $33{ }_{3}^{1} \%$ profit. At what price should he sell it to gain $\mathbf{4 0 \%}$ ?

A ₹160

B ₹120

C ₹140

D ₹126
Answer: D

## Question 65

If 12 men or 20 women can do a work in 54 days, then in how many days can 9 men and 12 women together do the work?

A 38

B 32

C 40

# D <br> 35 

Answer: C

## Question 66

What should come in place of the question mark (?) in the following question?
$1-[5-\{2+(-5+6-2) 2\}]=$ ?

A 0
B 2

C $\quad-2$

D -4
Answer: D

## Question 67

A started running towards north direction at 6:00 a.m. B also started running towards north direction at 10:00 a.m. At what time will they meet if the speeds of $A$ and are in the ratio $3: 7$ and they started from the same point?

A 1 p.m.
B 2 p.m.

C 1:30 p.m.
D 12:30 p.m.
Answer: A

Question 68
The area of the base of a right circular cone is ${ }^{1408} \mathrm{~cm}^{2}$ and its height is $\mathbf{6 ~ c m}$. Taking $\pi={ }_{7}^{22}$, the curved surface area of the cone is:

A ${ }_{7}^{1670} \mathrm{~cm}^{2}$

B $\quad{ }_{7}^{1067} \mathrm{~cm}^{2}$
C $\quad{ }_{7}^{1760} \mathrm{~cm}^{2}$
D $\quad 7160$
Answer: C

## Question 69

The perimeter(in metres) of a semicircle is numerically equal to its area (in square meters). The length of its diameter is (Take $\pi={ }_{7}^{22}$ )

A $\quad 6{ }_{11}^{6}$ meters

B $\quad \begin{gathered}3 \\ 11\end{gathered}$ meters
C $\quad \stackrel{2}{11}$ meters

D $\quad 5{ }_{11}$ meters

## Answer: A

## Explanation:

Let radius of semi circle $=r$ metres
According to ques, Perimeter $=$ Area
$=>\pi r+2 r={ }_{2}^{1} \pi r^{2}$
$=>\pi+2=\stackrel{1}{2} \pi r$
=> $r=\frac{2 \pi+4}{\pi}$
$=>r=2+4 \times{ }_{22}^{7}$
$=>r=2+{ }_{11}^{14}={ }_{11}^{36}$
$\therefore$ Diameter $=2 \times{ }_{11}^{36}=6{ }_{11}^{6}$ meters
$=>$ Ans - (A)

## Question 70

There are two numbers $a^{2}$ and 9. Their mean proportion is $b$, then $\left(a^{2}+b^{2}\right):\left(a^{2}-b^{2}\right)=$ ?

A $5: 4$

B $3: 4$

C $3: 2$

D 1:1
Answer: A

## Explanation:

Mean proportion of $a^{2}$ and 9 is $b$
$=>\stackrel{a^{2}}{b}={ }_{9}^{b}$
$=>9 a^{2}=b^{2}$
To find $=\left(a^{2}+b^{2}\right):\left(a^{2}-b^{2}\right)$
$=\begin{aligned} & a^{2}+9 a^{2} \\ & =a^{2}-9 a^{2}\end{aligned}$
$={ }_{8}^{10}=5: 4$
$=>$ Ans $-(\mathrm{A})$

## Question 71

The average number of chocolates with six children is six. If another child joined them the average number of chocolates with the seven children will become 7 . What is the number of chocolates with the seventh child?

A 14

B 11
C $\quad 12$

D 13
Answer: D

## Explanation:

Total chocolates initially $=6 \times 6=36$
Thus, number of chocolates with the seventh child $=(7 \times 7)-36$
$=49-36=13$
$=>$ Ans - (D)

## Question 72

A and B working together can complete a job in 30 days. The ratio of their efficiencies is $3: 2$. In how many days can the faster person complete the job?

A 50
B 30

C 40
D 60
Answer: A

## Explanation:

Let total work to be done $=150$ units
Let efficiency of A and B respectively be $3 x$ and $2 x$ units/day
$=>(3 x+2 x) \times 30=150$
$=>x=1$
$\therefore$ Time taken by faster person, i.e. $A=\stackrel{150}{3 \times 1}=50$ days
$=>$ Ans $-(\mathrm{A})$

II Method : Time taken by A alone $=30 \times{ }_{3}^{3+2}=50$ days

## Question 73

What should come in place of the question mark (?) in the following question?
$2-[6-\{3+(-4+5+1) \times 8\}+12]=?$

A 4

B 2

C 3
D 1
Answer: C

Expression : $2-[6-\{3+(-4+5+1) \times 8\}+12]$
$=2-[6-\{3+(2 \times 8)\}+12]$
$=2-[6-19+12]$
$=2+1=3$
$=>$ Ans - (C)

## Question 74

Find the least square number which is divisible by 4, 8, 2, 6 and 12?

A 36

B 24

C 48

D 144
Answer: D

## Explanation:

The least number which is divisible by 4, 8, 2, 6 and 12
$=$ L.C.M. $(2,4,6,8,12)=24$
Now, prime factorization of $24=2^{3} \times 3$
Now to make it a perfect square, we need to multiply it by $2 \times 3=6$
$=>$ The least square number which is divisible by $4,8,2,6$ and $12=24 \times 6=144$
$=>$ Ans - (D)

## Question 75

In a class of $\mathbf{8 0}$ students, $\mathbf{6 0 \%}$ passed in Economics and only $\mathbf{2 0 \%}$ passed in History. The number of students who neither passed in Economics nor in History are:

A 20

B 12

C 24

D 16
Answer: D

## Explanation:

Number of students who passed in Economics and in History $=$

```
                                    (60+20)
\(100 \times 80=64\)
```

$=>$ Number of students who failed $=80-64=16$
$=>$ Ans - (D)

## 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.
Even if you did not know where I was,you can always have telephoned me to ask.

A you could always have telephoned me
B No improvement

C you will always have telephoned me
D you should always have telephoned me
Answer: A

## Instructions

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

Women have $\qquad$ (1) been held in high esteem in our country. During the Vedic period they $\qquad$
importantpositions in social and religious $\qquad$ .(3) Without women, religious ceremonies were incomplete. Our mythological and philosophical writings bear witness to the fact that the tradition of having high regard for women was long $\qquad$ (5)

## Question 77

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

A never
B seldom

C always
D hardly
Answer: C

## Question 78

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

A occupied
B developed
C demanded
D offered
Answer: A

## Question 79

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

## A books

B literature

C life
D thoughts
Answer: C

Question 80
Select the most appropriate option that will fill in the blank number 4.

A accepted

B believed
C performed
D considered
Answer: D

## Question 81

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

A awaited
B maintained

C valued
D discontinued
Answer: B

## Instructions

For the following questions answer them individually
Question 82
From the given options, identify the segment in the sentence which contains the grammatical error. When questioned about their laziness, almost all the boys gave the same excuse, 'We all are tired.'

A When questioned
B almost all the boys

C 'We all are tired.'
D about their laziness
Answer: C

## Instructions

Select the most appropriate optionto fill in the blank.
Question 83
Macbeth is the tragedy

A endowed
B conferred
C empowered

D advantaged
Answer: A

## Question 84

All the respondents should express their $\qquad$ views in this questionnaire.

A candid

B confident
C convincing
D contrary
Answer: A

## Instructions

For the following questions answer them individually

## Question 85

Select the option that means the same as the given idiom.
To split hairs

A To occupy one's time in dressing
B To stop the argument in between
C To get angry about someone's fashion
D To engage in discussing irrelevant details
Answer: D

## Question 86

Select the most appropriate wordtofill in the blank.
The government should provide attractive tax $\qquad$ for the salaried class.

A structures
B documents
C suggestions
D bids
Answer: A

## Question 87

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.
In spite of his illness, the man run a few yards before withdrawing from the race.

A ran a few yards before withdrew from
B ran a few yards before withdrawing from
C No improvement
D running a few yards before withdrawing from
Answer: B

## Question 88

Select the word which means the same as the group of words given. Organisms that live on another

A Bacteria
B Microbes
C Viruses
D Parasites
Answer: D

## Question 89

From the given options, identify the segment in the sentence which contains the grammatical error. The person at the counter when filling up my details asked me how many languages did l know.

A did I know

B at the counter
C filling up my details
D how many languages
Answer: A

## Question 90

Select the option that means the same as the given idiom.
To read between the lines

A To ask someone to read every line
B To understand more than actual words

C To look for the meaning of every word
D To understand the dictionary meanings
Answer: B

## Question 91

Select the correctly spelt word.

A Scisors

B Scissors

C Scissars

D Sissors
Answer: B

Question 92
Select the correctly spelt word.

A Allteration

B Altaration

C Alterashion

D Alteration
Answer: D

Question 93
From the given options, identify the segment in the sentence which contains the grammatical error. Soon I was informed byreliable sources that their parents had no any responsibilities towards the family.

A towards the family

B by reliable sources

C Soon I was informed

D no any responsibilities
Answer: D

Question 94
Select the synonym of the given word.
CONFLUENCE

A Junction

B Flow

C Diversion
D Stream
Answer: A

## Question 95

Select the antonym of the given word.
Genuine

A True

B False

C Frank

D Actual
Answer: B

## 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 improvement.
The City Development Council resolved at a recent meeting to take steps to controlling pollution immediately.

A to take steps to control! pollution immediately
B No improvement

C to take steps of control pollution immediately
D to take steps for control pollution immediately
Answer: A

## Question 97

Select the word which means the same as the group of words given.
A short stay at a place

A Voyage
B Lodge

C Sojourn
D Trip
Answer: C

Question 98
Select the synonym of the given word.
PSEUDONYM

A Family name

B Alias

C Namesake
D First name
Answer: B

## Question 99

Select the most appropriate word to fill in the blank.
The Director has still not given his $\qquad$ to conduct the survey of natural resources.

A compliance
B projection

C consent

D request
Answer: C

Question 100
Select the antonym of the given word.
Interruption

A Disruption
B Hinderance

C Continuity
D Temporary
Answer: C

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