## prepp

## Practice, Learn and Achieve Your Goal with Prepp

## 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
Study the diagram below and identify the region representing girls who are employed but unmarried.
Employed


Married

A 2

B 4

C 1
D 5
Answer: A

Question 2
$A, B, C, D$ and $E$ are sitting in a row. $C$ is between $D$ and $A, E$ is neitherat the end, nor next to $D$ andis to the left of $B$ who is last. Who is to the right of $D$ ?

A B

B E

C A
D C
Answer: D

## Question 3

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.

Statement 1 : All shells are skins.
Statement 2 : No skins are cats.
Conclusion I: No shells are cats.
Conclusion II: Some skins are shells.

A Neither I nor II follows

B Only conclusion I follows
C Both I and II follow

D
Only conclusion II follows
Answer: C

## Question 4

Choose the option which completes the given figure series


A


B


C


D


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 Scarf

B Sweater

C Sunglass
D Gloves
Answer: C

## Question 6

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

A RSU

B YAC

C LNP

D CEG
Answer: A

Question 7
$\mathbf{A}, \mathbf{O}, \mathbf{M}, \mathbf{H}, \mathbf{K}$ and $\mathbf{U}$ are sitting in a circle facing the centre. $A$ is NOTsitting next to $M$ or $U, U$ is to the right of $H, K$ is to the left of $M$, whois opposite $O$. Who is to the right of $O$ ?

A H

B A

C K

D U
Answer: B

Question 8
Choose the option figure in which the problem figure is hidden/embedded.


A


B


C


D


Answer: A

## Question 9

Select the correct option that will fill in the blank and complete the series.
1024, ?, 1600, 2000, 2500, 3125

A 1350
B 1440

C 1280

D 1125
Answer: C

## Question 10

In the following questions a piece of paper is folded in the manner shown in the question figure(s). Select the figure out of the answer choices showing the unfolded pattern after the punches (cut).


A


B


C


D


Answer: B

## Question 11

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


A
$\cdots$

B


C


D


Answer: C

Question 12
Someboysare sitting in a row facing north. Ganeshis 7th on the left of Akshit. Vinay, who is 20th in the rowfrom left, is 7 th on the right of Akshit. If Kamal, whois third on the right of Ganesh,is 20th in the row from right, how many boysare there in the row?

A 26

B 28
C 31

D 30
Answer: B

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.
Pen : Write :: Knife : $\qquad$

A Cut

B Shoot

Answer: A

Question 14
Which of the following answer figure will complete the given figure?


A


B


C


D


Answer: A

## Question 15

Select the option that is related to the third term in the same way as the second term is related to the first term.
TSQ : JHG :: LTM :?

A FBC

B ACD

C UVO

D NGO
Answer: D

## Question 16

Select the correct option that will fill in the blank and complete the series.
LM, QR, VW, ........

A UK
B $A B$
C $A D$

D SM
Answer: B

Question 17
Select the correct combination of mathematical signs to replace "*' signs and to balance the given equation:
96 * 2 * 20 * 2 * 174

A $\times-+=$

B $\quad \div \times+=$

C $-+\times=$
D $++\div=$
Answer: A

Question 18
Select the option that is related to the third term in the same wayas the second term is related to the first term.
4896: 3785: 7852: ?

A 4519
B 6741
C 5630
D 3438
Answer: B

Question 19
If MUNREB is written as 628146 and IESRES as 345145, how will SERBER be written?

A 541641
B 541164
C 451146
D 541146
Answer: A

## Question 20

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

A 97

B 135

C 167
D 199
Answer: B

Question 21
Select the option that is related to the third term in the same way as the secondterm is related to the first term.
Telephone : Communication :: Radio : $\qquad$

A Broadcast

B Story
C Art
D Character
Answer: A

Question 22
In the question two statements are given, followed by three conclusions, 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.

Statement 1 : All tigers are cats.
Statement 2 : All cats are felines.
Conclusion I: Some felines are tigers.
Conclusion II : All tigers are felines.
Conclusion III: Some felines are cats.

A Only conclusion III follows
B All conclusions I, II and III follows
C Only conclusion I and III follows
D Only conclusion I follows
Answer: B

## Question 23

Find the missing number from the below options.


A 225

B 144

C 256

D 169
Answer: B

## Question 24

In a certain code, COLD is coded as GSPH, then how is NOT coded in the same way?

A RSX

B XRS

C RSY

D XSR
Answer: A

## Question 25

Select the correct option that will fill in the blank and complete the series.
-1, 2,7, ?, 23, 34

A 13
B 19

C 14

D 15
Answer: C

## General knowledge

## Instructions

For the following questions answer them individually
Question 26
Which of the following was the first Law Minister of Independent India?

A Jawaharlal Nehru
B Abul Kalam Azad
C Bhimrao Ramji Ambedkar
D Asaf Ali
Answer: C

## Question 27

Photosynthesis in plants converts light energy to $\qquad$ energy.

A thermal

B chemical
C kinetic

D physical
Answer: B

Question 28
The major gap in the Western Ghats is at:

A Palghat
B Mangalore
C Madurai
D Manipal
Answer: A

Question 29
The 'Ghumura' dance is from the state of:

A Punjab

B Odisha
C Tamil Nadu
D Kerala
Answer: B
'Matki’ is a form of dance from the state of:

A Kerala
B Gujarat
C Madhya Pradesh
D West Bengal
Answer: C

## Question 31

The Chola Empire of the South emerged in the:

A $9^{\text {th }}$ century BC
B $19^{\text {th }}$ century AD
C $9^{\text {th }}$ century AD

D $17^{\text {th }}$ century AD
Answer: C

## Question 32

In the 2016 Olympics men's singles badminton title was won by:

A Lee Chong Wei
B Kidambi Srikanth
C Chen Long
D Lin Dan
Answer: C

## Question 33

The British ruled India for nearly:

A 50 years
B 200 years
C 100 years
D 500 years
Answer: B

Question 34
Where did the Chipko movement first start in India?

A Tamil Nadu
B Maharashtra
c Karnataka
D Uttar Pradesh
Answer: D

Question 35
A person who advocates separation of the state from religious institutions is called a $\qquad$

A Communalist
B Secularist

C Socialist
D Feminist
Answer: B

Question 36
The Prime Minister who led India during the 1965 war with Pakistan is:

A Morarji Desai
B Indira Gandhi

C Lal Bahadur Shastri
D Jawaharlal Nehru
Answer: C

## Question 37

Which is one of the factors of subsistence used to measure the Poverty Line in India?

A Equality
B Education
C Internet

D Transportation
Answer: B

Question 38
The men's title of the 2018 Australian Open Tennis Championship, $\qquad$ was won by.

A Rafael Nadal
B Roger Federer

C Stan Warwinka
D Andy Murray

## Question 39

The 2017 Sahitya Academy award for Bengali was won by:

A Himanshu Bose

B Afsar Ahmed

C Ramesh Megh

D David Bhattacharya
Answer: B

## Question 40

The Goods and Services Tax allowed India to become:

A An East and a West market

B A common market

C A set of separate markets
D A South and a North market
Answer: B

## Question 41

Which of the following is not a Metamorphic rock?

A Gnesis

B Marble

C Slate

D Limestone
Answer: D

## Question 42

The Aga Khan palace is located in the state of:

A Maharashtra

B Uttar Pradesh

C Kerala

D Madhya Pradesh

## Question 43

A stain of curry on a white cloth become reddish brown when soap is used because the soapis:

A Neutral in nature
B Acidic in nature
C Alkaline in nature
D Basic in nature
Answer: D

## Question 44

Which is the deepest lake in the world?

A Lake Tanganyika
B Lake Vostok

C Lake Baikal
D Lake Superior
Answer: C

Question 45
An ecosystem consists of:

A Chemical and physical components
B Biotic and abiotic components
C Physical and social components

D Biotic and antibiotic components
Answer: B

## Question 46

Leguminous plants replenish the soil by the presence of $\qquad$

A Firmicutes
B Spirochaete
C Rhizobium
D Aquificae
Answer: C

## Question 47

The process of $\qquad$ is used to increase shelf life of milk by destroying disease causing microorganisms.

A pasteurisation

B evaporation

C condensation

D hydrogenation
Answer: A

## Question 48

The railway budget is:

A Part of the Central budget
B Part of the States budget
C Separate from the Central as well as State budget
D Separate from the Central budget

## Answer: A

## Question 49

The reign of the $\qquad$ dynasty has been described as the golden ageofIndian civilization.

A Porus
B Harsha

C Buddha

D Gupta
Answer: D

## Question 50

In which year was The Reserve Bank of India was established?

A 1926

B 1947

C 1950

D 1952
Answer: A

## Quant

## Instructions

For the following questions answer them individually
Question 51
The cost price of 27 articles is same as the selling price of 18 articles. Whatis the profit percent?

A $40 \%$
B $50 \%$

C $30 \%$
D $25 \%$
Answer: B

Question 52
A train 400 m long passes a pole in 20 seconds. Whatis the speed of the train?

A $70 \mathrm{~km} / \mathrm{hr}$
B $\quad 72 \mathrm{~km} / \mathrm{hr}$
C $68 \mathrm{~km} / \mathrm{hr}$
D $64 \mathrm{~km} / \mathrm{hr}$
Answer: B

## Question 53

A discount of $\mathbf{2 0 \%}$ in the price of rice enables $X$ to buy 5 kg more rice for $₹ 100$. What is the reduced price of rice per kg?

A ₹3
B ₹2

C ₹1
D ₹4
Answer: D

## Question 54

A and B can together complete a task 40 days. They worked together for 30 days and then left. A finished the remaining task in next 22 days. In how many days $A$ alone can finish the task?

A 48 days
B 88 days
C 30 days
D 40 days

Question 55
A hollow copper pipe is 22 cm long and its external diameter is 28 cm .If the thickness of the pipe is 3 cm and iron weighs $8.5 \mathrm{~g} / \mathrm{cm}^{3}$, then the weight of the pipe is closest to:

A 34 kg
B $\quad 44 \mathrm{~kg}$

C $\quad 14 \mathrm{~kg}$
D $\quad 24 \mathrm{~kg}$
Answer: B

## Question 56

The least number that should be added to 2,397 so that the sum is exactly divisible by $3,4,5$ and 6 ?

A 6

B 4

C 5

D 3
Answer: D

## Question 57

The median of $31,25,17,23,45$ and 59 is:

A 23

B 25
C 31

D 28
Answer: D

## Question 58

Excluding stoppages, the speed of a bus is 70 kmph andincluding stoppages, it is 56 kmph . For how many minutes does the busstop per hour?

A 10 min

B 8 min
C 15 min

D 12 min
Answer: D

## Question 59

A and B can complete a task in 40 days and 16 days respectively. A started the task alone and then after 12 days $B$ joined him till the completion of the task. How long did the task last after $B$ joined the task?

A 8 days
B 6 days

C 14 days
D 12 days
Answer: A

## Question 60

A sum of money amounted to ₹ 720 in 2 years and $₹ 792$ in 3 years when interest is compounded annually. The annual rate of interest, (in \%) is:

A $5 \%$
B $7.50 \%$

C $7 \%$
D $10 \%$
Answer: D

## Question 61

In X's opinion, his weightis greater than 60 kg butless than $68 \mathrm{~kg}, \mathrm{Y}$ doesn't agree with him and says that X's weightis more than 62 kg but less than 70 kg . The mother of X believes that the weight of X is greater than 64 kg . If all of them are correctin their estimation, then whatis the average of different probable weights ofX. ifthe weightis in integer?

A 68 kg

B $\quad 67 \mathrm{~kg}$

C 66 kg
D $\quad 65 \mathrm{~kg}$
Answer: C

## Question 62

The ratio of the number of boys and girls ina college is $6: 7$. Ifthe percentage increase in the number of boys and girls be $\mathbf{2 0 \%}$ and $\mathbf{1 0 \%}$ respectively, what will be the new ratio?

A $72: 77$

B $35: 36$

C 36:35
D 77:72
Answer: A

## Question 63

A right triangle with sides $5 \mathrm{~cm}, 12 \mathrm{~cm}$ and 13 cm is rotated about the side 12 cm to form a cone. The volume of the cone so formed is:

A $81 \pi \mathrm{~cm}^{3}$

B $100 \pi \mathrm{~cm}^{3}$
C $91 \pi \mathrm{~cm}^{3}$

D $110 \pi \mathrm{~cm}^{3}$
Answer: B

## Question 64

The value of $64 \div 2 \times(9 \div 3) \times 3 \div 9-32$ is:

A 1

B 0
C -1

D 2
Answer: B

Question 65
The average weight of 8 people increases by 2.5 kg when a new person comesin place of one of them weighing 75 kg . What is the weight of the new person?

A 95 kg

B $\quad 75 \mathrm{~kg}$

C 85 kg
D 65 kg
Answer: A

## Question 66

How much time will it take for an amount of ₹ 360 to yield ₹ 72 asinterest at $5 \%$ p.a. of simple interest?

A 3 years
B 4 years
C 2.5 years

D 3.5 years
Answer: B

Question 67
The pie charts show the market share of companies in the rice market in 2017 and 2018. The value of sales of Company A in 2017 was ₹ 40 lakhs. If its sales grew by $25 \%$ in 2018 , what was approximate value of sales of company B in 2018?

DISTRIBUTION OF SALES IN 2017


DISTRIBUTION OF SALES IN 2018


A ₹12.56 lakhs
B ₹13.96 lakhs

C ₹ 12.96 lakhs

D ₹13.56 lakhs
Answer: C

## Question 68

The value of $24 \div 4 \times(3+3) \div 2$ is:

A 22

B 24
C 20

D 18
Answer: D

Question 69
120 men consume 720 kg of rice in $\mathbf{3 0}$ days. In how many days can 90 men consume 270 kg ?

A 18
B 12

C 9
D 15
Answer: D

Question 70
Twostudents appeared for an examination. One student who scored 20 marks more than the other, his score was $60 \%$ of the sum of their marks. What washis score?

A 80

B 20

C 40

D 60
Answer: D

Question 71
The line graph shows the scores of a batsman in 6 consecutive matches. What is the range of his scores?
Score in each Match


A 53

B 43

C 41
D 51
Answer: A

Question 72
An article was sold for $₹ 4,000$. Had a discount of $10 \%$ was being offered, the profit would have been $\mathbf{2 0 \%}$. The cost price of the article was:

A ₹ 3,200

B ₹ 3,310

C ₹ 3,000

D $₹ 3,600$
Answer: C

## Question 73

The slant height of a right circular cone is 15 m and its height is 9 m . The area of its curved surface, is:

A $169 \pi m^{2}$

B $172 \pi m^{2}$

C $165 \pi m^{2}$

D $180 \pi m^{2}$
Answer: D

## Question 74

The bar graph shows the number of paintings sold by an art gallery in each month from January to June. How many paintings does it need to sell in July for the 7 month average to be 90?

Number of Paintings Sold


A 115
B 85

C 90
D 110
Answer: D

## Question 75

In bag there are coins of 25 paisa, 50 paisa and 1 rupee in the ratio of $3: 4: 5$. If there are in all ₹31, then how many 1 rupee coins are there in the bag?

A 12
B 16

C 24

D 20
Answer: D

## Explanation:

StartGRoup:
Instructions: Select the mon given sentence. If there is

## 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 substitution required.

When the vegetation is altered, the animal life also changed.

A No substitution required
B also changes
C changed
D is changing
Answer: B

## Question 77

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 greed of human beings leads to over utilization of natural resources.

A leads for

B No substitution required

C lead to

D leading to
Answer: B

## Explanation:

EndGroup:

## Question 78

Select the meaning of the given idiom.
Piece of cake

A Something very difficult
B Something very tasty

C Something very easy

D Something very soft
Answer: C

## Question 79

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 term flora is use for denote plants of a particular region or period.

A used denoting

B denoting

C used to denote

D No substitution required
Answer: C

## Question 80

Select the meaning of the given idiom.
A snakein the grass

A Cowardly and brutal

B Lowand mean

C An unreliable person
D A hidden enemy
Answer: D

## Question 81

Select the most appropriate wordtofill in the blank.
We should take $\qquad$ measures to prevent recurrence of such incidents.

A substitute

B effective

C casual

D properly
Answer: B

## Question 82

Select the antonym of the given word.
ILLICIT

A Illegal
B Unlawful

C Lawful

D Illegitimate
Answer: C

## Question 83

Select the word which means the same as the group of words given.
A sentimental longing or wistful affection for a period in the past

A Harmony
B Affliction
C Nostalgia

D Paradise
Answer: C

## Question 84

Select the antonym of the given word.
ABUNDANT

A Ample
B Plentiful
C Copious

D Scarce
Answer: D

## Question 85

Select the most appropriate word to fill in the blank.
Dense mangroves are commonvarieties with roots submerged $\qquad$ water.

A beside

B over
C under

D behind
Answer: C

## Instructions

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:
Can you (1) $\qquad$ a world without human beings? Who but humans (2) $\qquad$ have utilized the resources and created a (3) $\qquad$ and cultural environment? The people living in a country are imp ortant to (4) $\qquad$ the economy and the society. They (5)......... are the greatest resource.

Question 86
Select the most approp

A realize
B figure
C devise
D imagine
Answer: D

## Question 87

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

A would
B could
C can

D will
Answer: B

## Question 88

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

A social
B communal

C general
D familiar
Answer: A

Question 89
Select the most appropriate option that will fill in the blank number 4.

A evolve
B develop
C mature
D establish
Answer: B

## Question 90

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

A itself
B themselves

C yourselves
D ourselves
Answer: B

## Instructions

For the following questions answer them individually

## Question 91

Select the word which means the same as the group of words given.
Violation of something holy or sacred

A Ritual

B Ceremony
C Sacrilege

D Pious
Answer: C

## Question 92

Select the synonym of the given word.
ISOLATION

A Association

B Communication
C Separation
D Integration
Answer: C

## Question 93

Identify the segmentin the sentence which contains the grammaticalerror from the given options. Concern aboverising pollution led to the launch of various action plans.

A Concern above
B launch of
C led to

D action plans
Answer: A

Question 94
Select the wrongly spelt word.

A Ninety

B Neither
C Noticeable

D Neccessary
Answer: D

## Question 95

Select the most appropriate word tofill in the blank.
The house remained $\qquad$ for a long time.

A evicted

B empty

C vacant

D blank
Answer: C

## Question 96

Select the wrongly spelt word.

A Sacrifice

B Sanctity
C Schedule

D Salry
Answer: D

Question 97
Identify the segment in the sentence which contains the grammatical error from the given options. Most of the freshwaterlake in India are in the Himalayan region.

A Most of the

B in India

C are in

D freshwater lake
Answer: D

## Question 98

Select the most appropriate wordto fill in the blank.
The elephants are the most majestic animals $\qquad$ the mammals.

A as
B between
C among

D over
Answer: C

## Question 99

Select the synonym of the given word.

## INTEGRATION

A Division
B Separation
C Unification
D Segregation
Answer: C

Question 100
Identify the segment in the sentence which contains the grammatical error from the given options. Rivers has been of primary importance for human settlements since ancient times.

A of primary importance
B Rivers has been
C since ancient times.
D for human settlements
Answer: B

## prepp

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