

SSC CGL 4 June 2019 Shift-3

Reasoning

Instructions

For the following questions answer them individually

Question 1

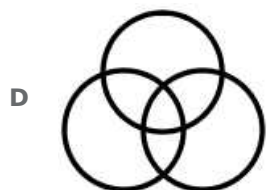
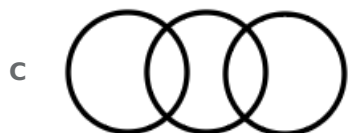
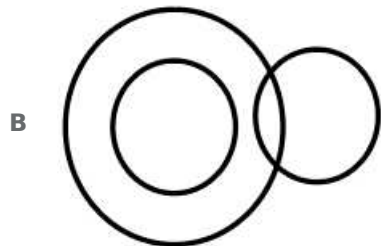
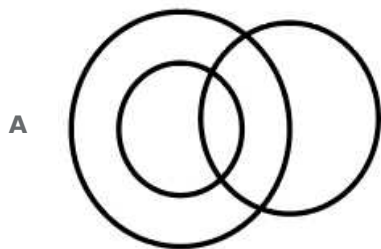
If **FLOWER** is coded as 14 and **DISTASTE** is coded as 18, then how will **BUREAUCRAT** be coded as?

- A 22
- B 18
- C 20
- D 28

Answer: A

Question 2

Select the Venn diagram that best illustrates the relationship between the following classes.
Graduates, Literates, Hardworking



Answer: A

Question 3

Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

- A 123
- B 789
- C 457
- D 567

Answer: C

Question 4

Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- A MZLY
- B KXJW
- C GESO
- D IVHU

Answer: C

Question 5

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

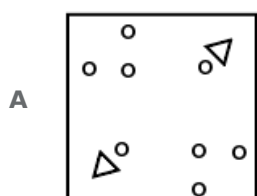
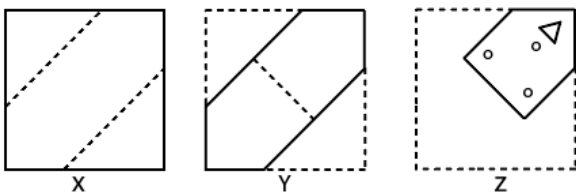
DKFM : FIHK :: BLGP : ?

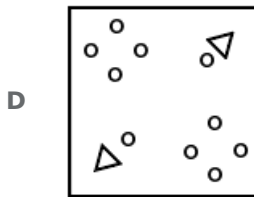
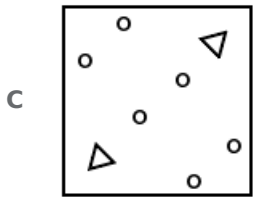
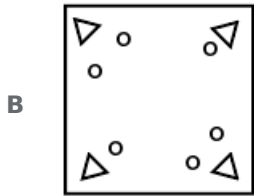
- A DNER
- B CKHO
- C ZNEN
- D DJIN

Answer: D

Question 6

The sequence of folding a piece of square paper (figures X and Y) and the manner in which the folded paper has been cut (figure Z) are shown. How will the paper appear when unfolded ?





Answer: D

Question 7

P is the father of Q and R is the son of S. T is the brother of P. Q is the sister of R. How is S related to T?

- A** Brother-in-law
- B** Daughter
- C** Sister-in-law
- D** Brother

Answer: C

Question 8

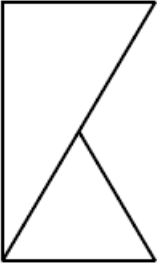
Three of the following four word pairs are alike in a certain way and one is different. Pick the odd word out.

- A** Bangladesh : Taka
- B** South Korean : Rupiya
- C** Russia : Ruble
- D** Malaysia : Ringgit

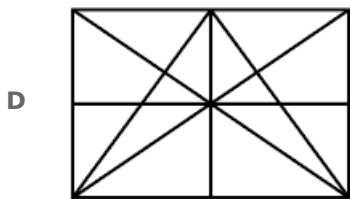
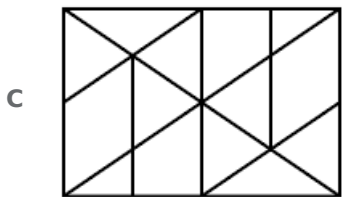
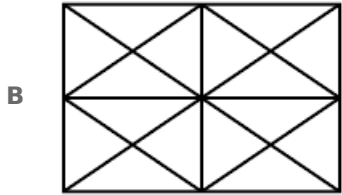
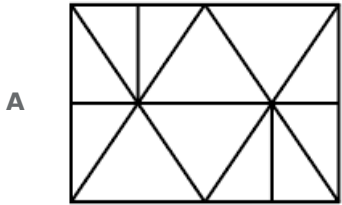
Answer: B

Question 9

Select the option in which the given figure is embedded.



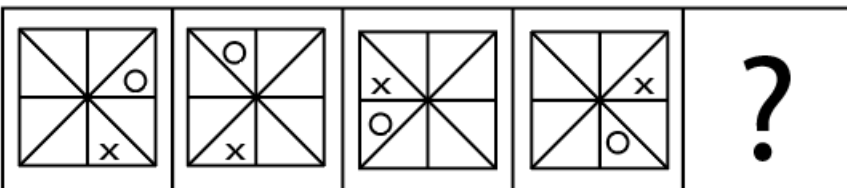
Rotation not allowed

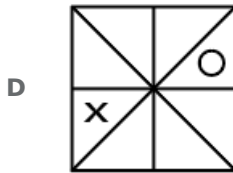
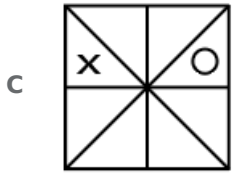
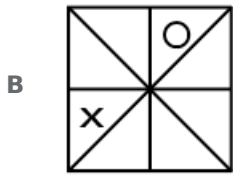
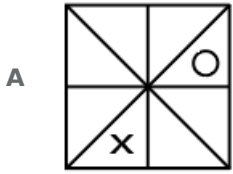


Answer: A

Question 10

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





Answer: D

Question 11

Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

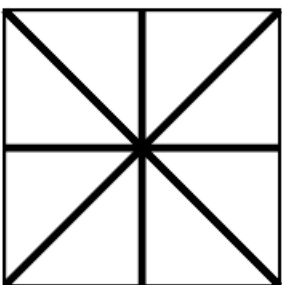
Frown : Displeasure

- A Grief : Sorrow
- B Madness : Illness
- C Laugh : Comedy
- D Smile : Ecstasy

Answer: D

Question 12

How many triangles are there in the following figure?



- A 18

B 12

C 14

D 16

Answer: D

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.

29 : 13 :: 37 : ?

A 15

B 21

C 17

D 14

Answer: C

Question 14

Select the set in which the numbers are related in the same way as are the numbers of the following set. **(9, 15, 27)**

A (6, 9, 18)

B (15, 25, 35)

C (21, 35, 56)

D (12, 20, 36)

Answer: D

Question 15

In a code language if **FRIDGE** is written as **GTLHLK**, then in the same language how will you write the word **KETTLE**?

A WQLG XK

B LGWX QK

C GLXW QK

D XKWQLG

Answer: B

Question 16

Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

A TUWZ

- B MNPS
- C DEGJ
- D PQTX

Answer: D

Question 17

What will be the value of the following equation if ' \div ' means 'addition', ' $+$ ' means 'subtraction', ' $-$ ' means 'multiplication' and ' \times ' means 'division'?

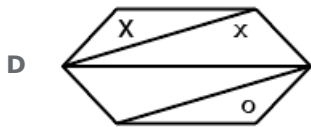
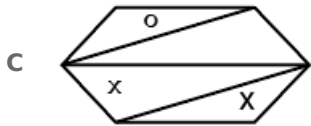
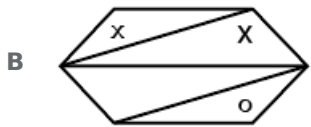
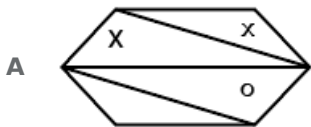
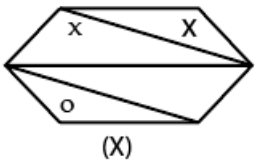
$$54 \times 6 - 7 \div 8 + 2 = ?$$

- A 63
- B 57
- C 69
- D 61

Answer: C

Question 18

Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



Answer: D

Question 19

Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

cb_db_cba_bc_bad_c

A acdcb

B cabdc

C acbcd

D dcbbc

Answer: A

Question 20

Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

A Benevolence

B Courtesy

C Indulgence

D Hindrance

Answer: D

Question 21

Anage the following words in a logical and meaningful order.

1. Salary

2. Recruitment

3. Education

4. Promotion

5. School

6. Employment

A 5, 3, 2, 6, 1, 4

B 5, 3, 2, 6, 4, 1

C 5, 3, 4, 1, 2, 6

D 3, 5, 4, 2, 6, 1

Answer: A

Question 22

Which two signs should be interchanged in the following equation to make it correct?

$$15 - 9 \div 6 \times 10 + 5 = 25$$

A \times and $-$

B $+$ and $-$

C + and ÷

D × and ÷

Answer: B

Question 23

In a code language, SUNDAY is written as DNUAYS. How will MOTHER be written as in that language?

A HTEOMR

B HTOERM

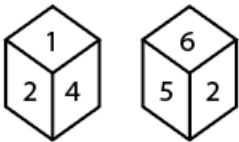
C HOTERM

D THEORM

Answer: B

Question 24

Two rotated positions of a dice are given below. Which number will be at the top if '3' is at the bottom?



A 4

B 1

C 2

D 6

Answer: C

Question 25

Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some mobiles are instruments.

All instruments are heavy items.

Conclusions:

I. Some mobiles are heavy items.

II. No mobile is a heavy item.

III. Some heavy items are instruments.

A All conclusions follow

B Only conclusion I follows

C Only conclusion III and either conclusion I or II follow

D Only conclusions I and III follow

Answer: D

General knowledge

Instructions

For the following questions answer them individually

Question 26

I As of May 2019, which political party does actor Raj Babbar belong to?

- A** Samajwadi
- B** Indian National Congress
- C** Bahujan Samaj Party
- D** Bharatiya Janta Party

Answer: B

Question 27

Who bagged the 4th Carnot Prize 2018 for his contribution towards sustainable energy solutions?

- A** Arun Jaitley
- B** Harsh Vardhan
- C** Hardeep Puri
- D** Piyush Goyal

Answer: D

Question 28

The period between ____ in India's history is known as the Delhi Sultanate period.

- A** 1206 A.D. and 1526 A.D.
- B** 1456 A.D. and 1675 A.D.
- C** 745 A.D. and 1245 A.D.
- D** 1105 A.D. and 1445 A.D.

Answer: A

Question 29

Mihira Bhoja was the ruler of

- A** Rashtrakuta
- B** Chola

C Pratihara

D Chalukya

Answer: C

Question 30

In the year 1978, the amendment eliminated the right to acquire, hold and dispose of property as a fundamental right.

A 41st

B 43rd

C 44th

D 42nd

Answer: C

Question 31

The defending champions ____ won the 85th Ranji Trophy title in 2019.

A Mumbai

B Karnataka

C Saurashtra

D Vidarbha

Answer: D

Question 32

Which of the following economic activities employs the maximum number of people in India?

A Tourism

B Manufacturing

C Agriculture

D Mining

Answer: C

Question 33

Baglihar Dam is constructed on which river?

A Chenab

B Ravi

C Sutlej

D Indus

Answer: A

Question 34

who is the author of the book 'Rajatarangini'?

A Banabhatta

B Kalhana

C Kalidasa

D Somadeva

Answer: B

Question 35

In which part of the Indian Constitution are centre-state relations mentioned?

A Part IV (Article 227 to 234)

B Part XI (Article 245 to 255)

C Part X (Article 234 to 240)

D Part XII (Article 265 to 277)

Answer: B

Question 36

Who was the first female chief justice of a state high court in India?

A Syeda Tahira

B Leila Seth

C Ruma Pal

D Fatima Bibi

Answer: B

Question 37

The amount of light entering into eye can be controlled and regulated by

A iris

B cornea

C pupil

D retina

Answer: C

Question 38

'Mithun', a cattle breed is found in

- A Tamilnadu
- B Arunachal Pradesh
- C Kerala
- D Maharashtra

Answer: B

Question 39

Veer Kunwar Singh Jayanti is celebrated in ____ in order to recognise the achievements of Kunwar Singh during the Indian rebellion of 1857.

- A Himachal Pradesh
- B Bihar
- C Uttarakhand
- D Uttar Pradesh

Answer: B

Question 40

Which cells in our body are popularly called "soldiers of the human body"?

- A Eosinophils
- B White blood cells
- C Red blood cells
- D Basophils

Answer: B

Question 41

Which hormone leads to the expulsion of milk from the breast during suckling?

- A Estrogen
- B Oxytocin
- C Prolactin
- D progesterone

Answer: C

Question 42

The festival of Marabats and Badgyas celebrated in directly confronts social evils and criticise their perpetrators through a procession with effigies.

- A Jabalpur
- B Panaji
- C Nagpur
- D Hyderabad

Answer: C

Question 43

The Nanda Devi Peak is located in _____.

- A Sikkim
- B Jammu and Kashmir
- C Uttarakhand
- D Assam

Answer: C

Question 44

Which of the following is a communicable disease?

- A Measles
- B Scurvy
- C Asthma
- D Diabetes

Answer: A

Question 45

In 2019, Kazakhstan renamed its capital Astana to _____.

- A NurNazar
- B Nursultan
- C Nazarbayev
- D Nurbayev

Answer: B

Question 46

If there is a lack of money supply in comparison to the supply of goods and services, then the possible consequence would be ____.

- A Hyperinflation
- B Deflation
- C Devaluation
- D Inflation

Answer: B

Question 47

Which of the following has the highest protein content per gram?

- A Apple
- B Soyabean
- C Wheat
- D Groundnut

Answer: B

Question 48

____ won the inaugural Pro Volleyball League (PVL) title in 2019.

- A Calicut Heroes
- B Chennai Spart
- C Ahmedabad Defenders
- D Kochi Blue Spikers

Answer: B

Question 49

Vikramashila University was founded by ____ a Pala king.

- A Rajendra Chola
- B Pulakeshin I
- C Mihira Bhoja
- D Dharmapala

Answer: D

Question 50

21 March 2019 was celebrated by the UN as World Down Syndrome Day and the theme was ____.

- A "Leave no one behind"
- B "All is well"
- C "Together we grow"
- D "Live and let live"

Answer: A

Quant

Instructions

For the following questions answer them individually

Question 51

On selling an article for ₹800, a person loses 20% of its selling price. At what price should he sell it to gain 25% on its cost price?

- A ₹1,280
- B ₹1,152
- C ₹1,250
- D ₹1,200

Answer: D

Question 52

AB and CD are two parallel chords of a circle such that $AB = 6$ cm and $CD = 2AB$. Both chords are on the same side of the centre of the circle. If the distance between them is equal to one-fourth of the length of CD, then the radius of the circle is:

- A $3\sqrt{5}$ cm
- B $4\sqrt{3}$ cm
- C $4\sqrt{5}$ cm
- D $5\sqrt{3}$ cm

Answer: A

Question 53

If $\sec \theta - \tan \theta = P$, then $\operatorname{cosec} \theta = ?$

- A $\frac{2P}{1-P^2}$
- B $\frac{1-P^2}{1+P^2}$

C $\frac{P^2+1}{1-P^2}$

D $\frac{2P}{1+P^2}$

Answer: C

Question 54

The Table shows the production of different types of cars (in thousands).

Years →	2014	2015	2016	2017	2018
Cars ↓					
A	64	56	57	63	70
B	48	54	63	64	72
C	33	42	48	57	64
D	25	45	40	55	35
E	40	48	52	61	60

The ratio of the total production of type A cars in 2015 and type B cars in 2014 taken together to the total production of type C cars in 2017 and type E cars in 2015 taken together is:

A 16:19

B 4:5

C 8:9

D 34:39

Answer: C

Question 55

The ratio of the efficiencies of A, B and C is 7 : 5 : 4. Working together, they can finish a work in 35 days. A and B work together for 28 days. The remaining work will be completed (in days) by C alone:

A 56

B 63

C 49

D 60

Answer: A

Question 56

If $a^2 + b^2 + 64c^2 + 16c + 3 = 2(a + b)$, then the value of $4a^7 + b^7 + 8c^2$ is:

A $3^{\frac{7}{8}}$

B $4^{\frac{7}{8}}$

C $\frac{1}{48}$

D $\frac{1}{58}$

Answer: D

Question 57

The value of $2^8 \div (3^5 \div 7 \text{ of } 2^3) \times [(2^6 \text{ of } 4^5 \div 3) \times 9]$ is:

A $\frac{1}{4}$

B 4

C $\frac{1}{23}$

D 5

Answer: D

Question 58

If $x + y = 1$ and $xy(xy - 2) = 12$, then the value of $x^4 + y^4$ is:

A 19

B 25

C 20

D 23

Answer: B

Question 59

If the 8-digit number 179x091y is divisible by 88, the value of $(5x - 8y)$ is:

A 4

B 7

C 9

D 5

Answer: A

Question 60

What will be the compound interest (nearest to ₹1) on a sum of ₹25,000 for 2 years at 12% p.a., if the interest is compounded 8-monthly ?

A ₹6,394

B ₹6,439

C ₹6,493

D ₹6,349

Answer: C

Question 61

If $(27x^3 - 343y^3) \div (3x - 7y) = Ax^2 + By^2 + 7Cyx$, then the value of $(4A - B + 5C)$ is:

- A 0
- B 3
- C 2
- D 1

Answer: C

Question 62

If $a^2 + b^2 + c^2 = 21$, and $a + b + c = 7$, then $(ab + bc + ca)$ is equal to:

- A 12
- B 28
- C 14
- D 8

Answer: C

Question 63

If x is added to each of 12, 28, 21 and 45, the numbers so obtained, in this order, are in proportion. What is the mean proportional between $(x + 3)$ and $(4x + 1)$?

- A 15
- B 18
- C 10
- D 12

Answer: A

Question 64

The income of A is 25% more than that of B and the income of C is 65% less than the sum of the incomes of A and B. Income of C is what percent less than the income of A?

- A 28
- B 32
- C 35
- D 37

Answer: D

Question 65

The Table shows the production of different types of cars (in thousands).

Years →	2014	2015	2016	2017	2018
Cars ↓					
A	64	56	57	63	70
B	48	54	63	64	72
C	33	42	48	57	64
D	25	45	40	55	35
E	40	48	52	61	60

In the data related to the production of type D cars is represented by a pie chart, then the central angle of the sector representing production of cars in 2015 will be:

- A 72°
- B 63°
- C 81°
- D 99°

Answer: C

Question 66

The areas of the three adjacent faces of a cuboid are 32 cm^2 , 24 cm^2 and 48 cm^2 . What is the volume of the cuboid?

- A 192 cm^3
- B 256 cm^3
- C 288 cm^3
- D 128 cm^3

Answer: A

Question 67

Three numbers are such that if the average of any two of them is added to the third number, the sums obtained are 168, 174 and 180 respectively. What is the average of the original three numbers ?

- A 86
- B 87
- C 89
- D 84

Answer: B

Question 68

The area of a triangle is 15 sq cm and the radius of its incircle is 3 cm. Its perimeter is equal to:

- A 12 cm
- B 20 cm
- C 5 cm
- D 10 cm

Answer: D

Question 69

The value of θ , when $\sqrt{3} \cos \theta + \sin \theta = 1$ ($0^\circ \leq \theta \leq 90^\circ$), is:

- A 90°
- B 30°
- C 60°
- D 0°

Answer: A

Instructions

The Table shows the production of different types of cars (in thousands).

Years →	2014	2015	2016	2017	2018
Cars ↓					
A	64	56	57	63	70
B	48	54	63	64	72
C	33	42	48	57	64
D	25	45	40	55	35
E	40	48	52	61	60

Question 70

The total production of type D cars during 2015 to 2017 is what percent less than the total production of type E cars during 2014, 2015, 2016 and 2018 taken together?

- A 35
- B 32
- C 28
- D 30

Answer: D

Question 71

The total production of type C cars in 2015 and type E cars in 2015 taken together is what percent of the total production of cars in 2014 and 2017 taken together ?

- A 22
- B 25
- C 20
- D 27

Answer: C

Instructions

For the following questions answer them individually

Question 72

A man purchases 100 copies of a book from the publisher and gets a discount of 25%. He buys 50 copies from a retailer at a discount of 10%. He got an overall discount of:

- A 16.5%
- B 17.5%
- C 20%
- D 35%

Answer: C

Question 73

In a $\triangle ABC$, the sides AB and AC are extended to P and Q, respectively. The bisectors of $\angle PBC$ and $\angle QCB$ intersect at a point R. If $\angle R = 66^\circ$, then the measure of $\angle A$ is:

- A 36°
- B 24°
- C 48°
- D 72°

Answer: C

Question 74

Anu allows a discount on the marked price of an article and still makes a profit of 25%. If she gains ₹44.80 on the sale of the article, then the cost price of the article is:

- A ₹188.80
- B ₹192.80
- C ₹184.20
- D ₹179.20

Answer: D

Question 75

ABCD is a cyclic quadrilateral in which $\angle A = 67^\circ$ and $\angle B = 92^\circ$. What is the difference between the measures of $\angle C$ and $\angle D$?

- A 29°
- B 27°
- C 19°
- D 25°

Answer: D

English

Instructions

For the following questions answer them individually

Question 76

Select the most appropriate meaning of the given idiom.
actions speak louder than words

- A take up a task that you cannot finish
- B what you do is more important than what you say
- C do something without planning
- D look for solutions in the wrong place

Answer: B

Question 77

Select the correct active form of the given sentence.
The crop was adversely affected by the inadequate rainfall.

- A The adversely rainfall has affected the inadequate crop.
- B The inadequate rainfall was adversely affecting the crop.
- C The inadequate rainfall adversely affected the crop.
- D The inadequate crop adversely affected the rainfall.

Answer: C

Question 78

Select the antonym of the given word.
PARDON

- A mercy
- B punish
- C kindness
- D grace

Answer: B

Question 79

Given below are four jumbled sentences. Select the option that gives their correct order.

A. And 844 million don't have access to clean water close to home, according to the latest report by Water Aid.

B. Around 4 billion people in the world live in physically water-scarce areas.

C. It is because globally we use six times as much water today as we did 100 years ago.

D. The world's water crisis is getting worse.

- A DACB
- B BDCA
- C CADB
- D BADC

Answer: D

Question 80

Select the word which means the same as the group of words given.

A person who draws or produces maps

- A calligrapher
- B cartographer
- C lexicographer
- D choreographer

Answer: B

Question 81

Select the word which means the same as the group of words given.

A cylindrical container bulging out in the middle, traditionally made of wooden staves for keeping oil, beer etc.

- A bin
- B bushel
- C barrel
- D bale

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 blank.

Comprehension:

Eager to control the South Atlantic, the British Navy had tasked Admiral Byron (1)..... settling an island off the South American coast (2)..... ships could resupply, and then finding an alternative (3)..... to the East Indies. After rounding the tip of South America, Admiral Byron confronted the world's (4)..... body of water: the endless Pacific Ocean. After a month of empty blue horizon, a tiny island (5)..... Byron joyously described the island's "beautiful appearance — surrounded by a beach of the finest white sand — and covered with tall trees."

Question 82

Select the most appropriate option for blank No.1

- A for
- B from
- C of
- D with

Answer: D

Question 83

Select the most appropriate option for blank No.2.

- A there
- B when
- C where
- D wherever

Answer: C

Question 84

Select the most appropriate option for blank No.3

- A route
- B road
- C path
- D me

Answer: A

Question 85

Select the most appropriate option for blank No.4

- A larger

- B** large
- C** more larger
- D** largest

Answer: D

Question 86

Select the most appropriate option for blank No.5

- A** came out
- B** appeared
- C** showed
- D** stood up

Answer: B

Instructions

For the following questions answer them individually

Question 87

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

If I have money, I purchase this house.

- A** I purchased
- B** No improvement
- C** I have purchased
- D** I will purchase

Answer: D

Question 88

Select the most appropriate meaning of the given idiom.

pull someone's leg

- A** trust someone
- B** joke with someone
- C** get upset with someone
- D** tell someone a secret

Answer: B

Question 89

Select the most appropriate word to fill in the blank.

A number of Indian goods face a ____ competition from Chinese goods in terms of prices and looks.

- A angry
- B powerful
- C fierce
- D bold

Answer: C

Question 90

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

She read that novel since she got up in the morning.

- A No improvement
- B has been reading that novel
- C reads that novel
- D has read that novel

Answer: B

Question 91

Select the most appropriate word to fill in the blank.

Many items made of ivory were ____ from a dealer in antiques by the custom authorities at the Delhi airport.

- A appropriated
- B confiscated
- C annexed
- D hijacked

Answer: B

Question 92

In the sentence identify the segment which contains the grammatical error.

She lost a big order from a known showroom in case of her own carelessness.

- A in case of
- B her own carelessness
- C She lost a big order
- D from a known showroom

Answer: A

Question 93

Select the synonym of the given word.

INEPT

A capable

B fit

C strong

D clumsy

Answer: D

Question 94

Select the wrongly spelt word.

A exchange

B exercise

C exite

D exclaim

Answer: C

Question 95

Select the synonym of the given word.

INARTICULATE

A fluent

B inevitable

C eloquent

D incoherent

Answer: D

Question 96

Select the correct passive form of the given sentence.

Please show me my son's Mathematics notebook.

A I will please be shown my son's Mathematics notebook.

B I may please be shown my son's Mathematics notebook.

C My son's Mathematics notebook was please shown to me.

D My son may please be shown the Mathematics notebook.

Answer: B

Question 97

Select the wrongly spelt word.

- A comparable
- B commission
- C committee
- D conscience

Answer: D

Question 98

Select the antonym of the given word.

EXCEPTIONAL

- A uncommon
- B unthinkable
- C unimaginable
- D unremarkable

Answer: D

Question 99

In the sentence identify the segment which contains the grammatical error.

Torrential rains and winds of up to 170 km per hour swept away roads, homes and bridges and knocking down power and communication lines.

- A knocking down
- B homes and bridges
- C swept away roads
- D winds of upto

Answer: A

Question 100

Given below are four jumbled sentences. Select the option that gives their correct order.

- A. An estimated 70% of this plastic which enters the sea sinks.
- B. This is a problem that stretches far beyond India.
- C. Eight million tonnes of plastic ends up in the world's oceans every year, causing damage to the fragile ecosystem.
- D. And much of it is not biodegradable.

- A CADB
- B ABDC

C CDBA

D ADBC

Answer: A

