

SSC CGL 6 June 2019 Shift-1

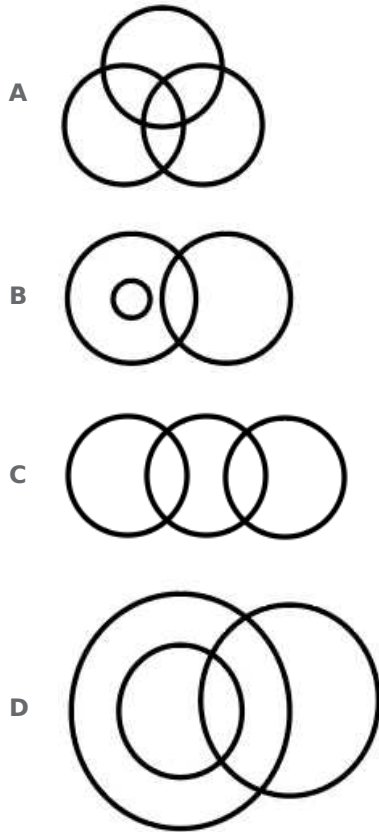
Reasoning

Instructions

For the following questions answer them individually

Question 1

Select the Venn diagram that best illustrates the relationship between the following classes.
Snakes, Reptiles, Poisonous



Answer: D

Question 2

In a code language, COMPUTER is written as OCREPMTU. How will DAUGHTER be written in the same language?

- A ADTHREGU
- B ADERUGTH
- C READTHGU
- D ADREGUTH

Answer: D

Question 3

Select the set in which the numbers are related in the same way as are the numbers of the following set.
(8, 12, 24)

- A (6, 9, 18)

B (6, 10, 18)

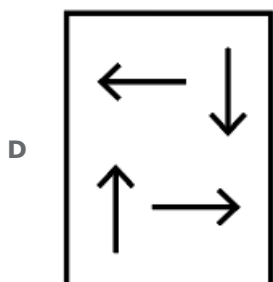
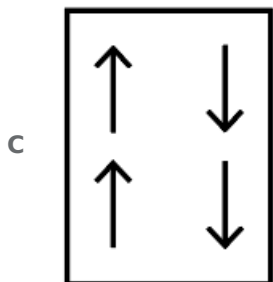
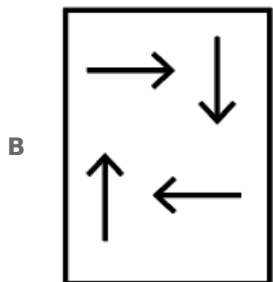
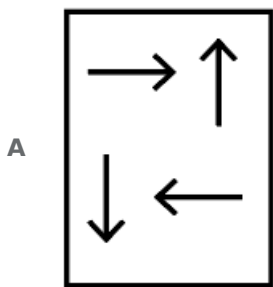
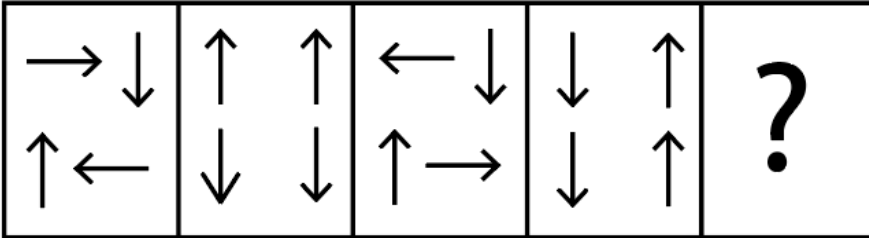
C (9, 18, 27)

D (12, 20, 40)

Answer: A

Question 4

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



Answer: B

Question 5

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

- A bdabc
- B debac
- C cadbc
- D dacbd

Answer: D

Question 6

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

$$10 + 5 \div 10 \times 8 - 10 = 16$$

- A \times and $+$
- B $-$ and $+$
- C \div and \times
- D $+$ and \div

Answer: B

Question 7

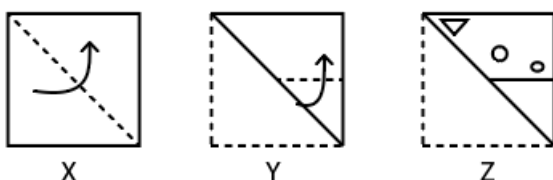
D is the son of C and the brother of E, who is the niece of F. C is the sister of B and the aunt of A. B's father has two children, a son and a daughter. If A is the son of F, how is F related to C?

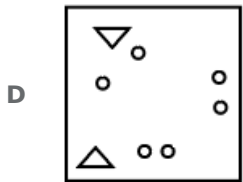
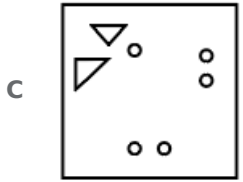
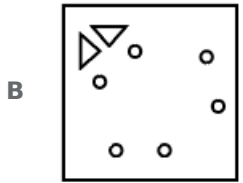
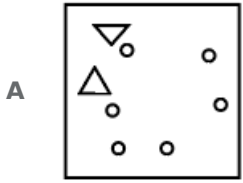
- A Sister
- B Sister-in-law
- C Cousin
- D Aunt

Answer: B

Question 8

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 ?

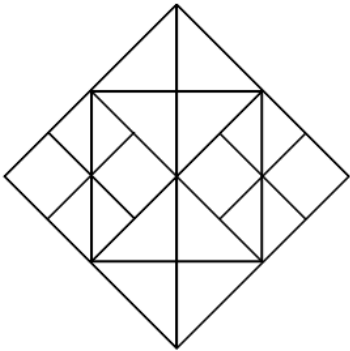




Answer: B

Question 9

How many squares are there in the following figure ?



A 14

B 12

C 18

D 16

Answer: A

Question 10

Arrange the following words in a logical and meaningful order.

1. Student
2. Job
3. Interview
4. Education
5. Retirement
6. Degree

- A 1,5,3,6,4,2
- B 5,3,2,1,4,6
- C 3,5,4,6,1,2
- D 1,4,6,3,2,5

Answer: D

Question 11

Two mixtures contain milk and juice in the ratio of 2 : 1 and 4 : 5. If equal volumes of the two mixtures are mixed together, what would be ratio of milk to juice in the resulting mixture?

- A 5:4
- B 7:5
- C 1:1
- D 5:3

Answer: A

Question 12

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

- A MLNO
- B CBDE
- C RQST
- D FGHJ

Answer: D

Question 13

Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

7:32

- A 3:11
- B 13:98

C 12:85

D 16:145

Answer: B

Question 14

Select the set in which the numbers are related in the same way as are the numbers of the following set.
(5, 13, 12)

A (13, 17, 11)

B (6, 10, 5)

C (11, 15, 9)

D (15, 19, 13)

Answer: B

Question 15

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.

MNOP : LONQ :: FGHI : ?

A GFIJ

B DHGK

C EHGJ

D EGHJ

Answer: C

Question 16

If CAB is coded as 6 and BED is coded as 40, then how will HAD be coded as?

A 46

B 52

C 32

D 16

Answer: C

Question 17

Which number will replace the question mark (?) in the following series?

98, 95, 86, 82, 66, ?, 36

A 63

B 58

C 60

D 61

Answer: D

Question 18

'Cinema' is related to 'Audience' in the same way as 'Church' is related to '.....'

A Congregation

B Meditation

C Concentration

D Prayer

Answer: A

Question 19

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

Apathy : Enthusiasm

A Condemnation : Reverence

B War : Attack

C Enrolment : Employment

D Treaty : Friendship

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 Krishna

B Mahanadi

C Tapti

D Godavari

Answer: C

Question 21

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 28

B 217

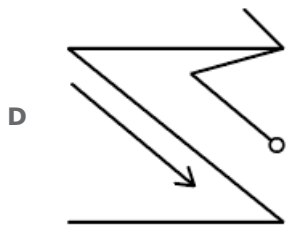
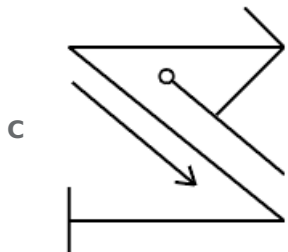
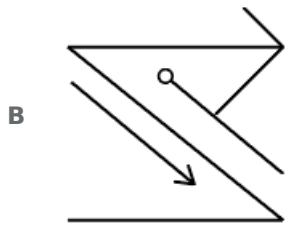
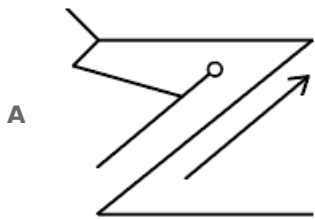
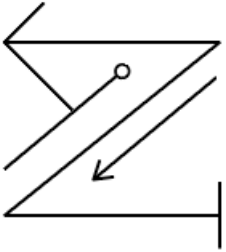
C 338

D 65

Answer: C

Question 22

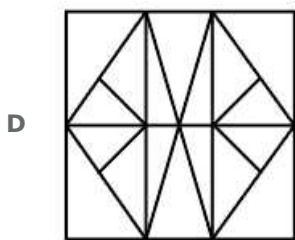
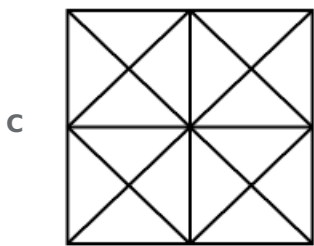
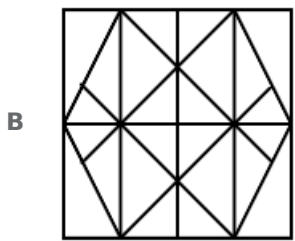
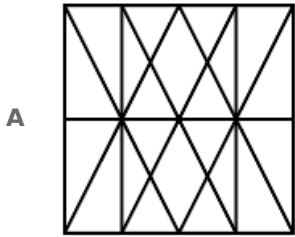
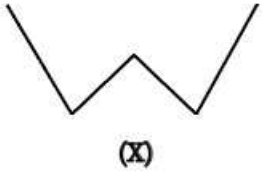
Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



Answer: C

Question 23

Select the option in which the given figure is embedded.



Answer: B

Question 24

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 :

No crow is a bird.

All birds are animals.

Conclusions:

I. Some animals are crows.

II. Some animals are birds.

III. No animal is a crow.

A Conclusion II and either conclusion I or III follows

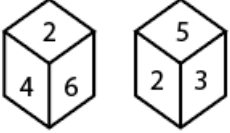
B None of the conclusions follows

- C Only conclusion III follows
- D Only conclusions I and III follow

Answer: A

Question 25

Two different positions of the same dice are shown. Which number will be at the top if 4 is at the bottom ?



- A 3
- B 6
- C 1
- D 5

Answer: A

General knowledge

Instructions

For the following questions answer them individually

Question 26

In February 2019, India won _____ gold medal/s and five silver medals at the Makran Cup Boxing in Chabahar, Iran.

- A three
- B one
- C four
- D two

Answer: B

Question 27

_____, which connects Sikkim with Tibet, was closed after the Chinese aggression on India in 1962 but was reopened in 2006 as the governments of the two countries decided to enhance their trade through land routes.

- A Pensi La
- B Lanak La
- C Nathu La

D Imis La

Answer: C

Question 28

Who founded and named the science of electromagnetism?

A James Clerk

B Michael Faraday

C HChristian Oersted

D Andre Marie Ampère

Answer: D

Question 29

Name the Indian Space Research Organisation (ISRO) chairman and Padma Bhushan awardee who created and unleashed a historical moment when Mars Orbiter became the first Indian spacecraft to enter Martian orbit in a maiden attempt.

A K Radhakrishnan

B Nandan Nilekani

C Fali Nariman

D Sundar Pichai

Answer: A

Question 30

Lok Adalats have been created under

A Legal Services Authority Act

B Administration of Justice Act

C Arbitration and Conciliation Act

D Legal Conciliation Act

Answer: A

Question 31

Which of the following destroys the ozone layer?

A Carbon

B Chlorine

C Sulphur

D Silicon

Answer: B

Question 32

..... was the first Muslim ruler whose empire covered almost the whole of India up to its extreme south.

- A Ghiyas ud din Balban
- B Feroz Shah Tughlaq
- C Alauddin Khilji
- D Jalal-ud-din Khilji

Answer: C

Question 33

What is deposited on iron in the process of galvanisation?

- A Tin
- B Aluminium
- C Zinc
- D Copper

Answer: C

Question 34

World ____ Day 2019 was observed on 22nd March with the theme 'Leaving no one behind' to focus on marginalised groups.

- A Forest
- B Environment
- C Water
- D Petroleum

Answer: C

Question 35

In Which of the following metals is the most reactive metal?

- A Copper
- B Calcium
- C Zinc
- D Iron

Answer: B

Question 36

In February 2019, ____ won a gold medal at the Makran Cup in Chabahar, Iran.

- A** Manish Kaushik
- B** Rohit Tokas
- C** Deepak Singh
- D** Satish Kumar

Answer: C

Question 37

Which of the following ministries implemented the Midday Meal scheme?

- A** Ministry of Social Welfare
- B** Ministry of Home Affairs
- C** Ministry of Social Justice and Empowerment
- D** Ministry of Human Resource Development

Answer: D

Question 38

The colourful art named Nandna block print, which uses graceful yet aligned arrangements of motifs on fabric, is practised in Tarapur village of

- A** Maharashtra
- B** Odisha
- C** Uttarakhand
- D** Madhya Pradesh

Answer: D

Question 39

Which is the longest national highway in India?

- A** National Highway 27
- B** National Highway 53
- C** National Highway 44
- D** National Highway 48

Answer: C

Question 40

Who was awarded the Rabindranath Tagore Literary Prize 2019 for the Novel 'Solo'?

- A** Rana Dasgupta
- B** Nayanjyot Mukherjee
- C** Jhumpa Lahiri
- D** Amitabh Ghosh

Answer: A

Question 41

Which Indian received the Nobel Peace Prize after Mother Teresa?

- A** P Sathasivam
- B** K Radhakrishnan
- C** Kailash Satyarthi
- D** Fali Nariman

Answer: C

Question 42

International Day of Forests 2019 was observed on 21st March with the theme to raise awareness on how sustainably managed forests provide a wide array of contributions.

- A** Forests and Education'
- B** Forests and Environment'
- C** Forests Our Saviour'
- D** pollution-free Forests'

Answer: A

Question 43

The popular Bagh cave paintings are found in

- A** Sikkim
- B** Madhya Pradesh
- C** Odisha
- D** Himachal Pradesh

Answer: B

Question 44

Which of the following does NOT come under the Quarternary sector?

- A** Fisheries
- B** Information Technology
- C** Manufacturing
- D** Mining

Answer: B

Question 45

Right to move freely throughout the territory of India' is a fundamental right under _____ of the Constitution of India.

- A** Article 21
- B** Article 14
- C** Article 19
- D** Article 24

Answer: C

Question 46

The Badami Chalukyas first had their capital at _____ before they moved it to Badami.

- A** Bijapur
- B** Aihole
- C** Hubli
- D** Pattadakal

Answer: B

Question 47

Which of the following metals is the most ductile metal?

- A** Copper
- B** Aluminium
- C** Tin
- D** Gold

Answer: D

Question 48

Which was the first Muslim dynasty that ruled India?

- A Lodhi dynasty
- B Tughlaq dynasty
- C Khilji dynasty
- D Slave dynasty

Answer: D

Question 49

Who among the following was a slave of Muhammad Ghori? He became the ruler after the death of his master and founded the Slave Dynasty.

- A Nasir-ud-din Mahmud
- B Ghiyas ud din Balban
- C Qutub-ud-din Aibak
- D Iltutmish

Answer: C

Question 50

Where is the Bandipur National Park located?

- A Kerala
- B Gujarat
- C Karnataka
- D Sikkim

Answer: C

Quant

Instructions

For the following questions answer them individually

Question 51

The value of $(5 + 3 \div 5 \times 5) \div (3 \div 3 \text{ of } 6) \text{ of } (4 \times 4 \div 4 \text{ of } 4 + 4 \div 4 \times 4)$ is:

- A $7\frac{1}{3}$
- B $8\frac{1}{5}$
- C $9\frac{3}{5}$
- D $6\frac{2}{3}$

Answer: C

Question 52

A shopkeeper marks his goods at 40% more than their cost price and allows a discount of 25% on the marked price. His gain or loss percent is:

- A 10% loss
- B 15% gain
- C 5% gain
- D 5% loss

Answer: C

Question 53

If $x = a + \frac{1}{a}$ and $y = a - \frac{1}{a}$ then $\sqrt{x^4 + y^4 - 2x^2y^2}$ is equal to:

- A $\frac{8}{a^2}$
- B 8
- C $16a^2$
- D 4

Answer: D

Question 54

G is the centroid of the triangle ABC, where AB, BC and CA are 7 cm, 24 cm and 25 cm respectively, then BG is:

- A $6\frac{1}{3}$ cm
- B $8\frac{1}{3}$ cm
- C $5\frac{1}{2}$ cm
- D $4\frac{1}{6}$ cm

Answer: B

Question 55

Pipes A and B can fill a tank in one hour and two hours respectively while pipe C can empty the filled up tank in one hour and fifteen minutes. A and C are turned on together at 9 a.m. After 2 hours, only A is closed and B is turned on. When will the tank be emptied?

- A 11:30 am.
- B 12:10 pm.
- C 12:20 pm.

D 10:30 am.

Answer: C

Question 56

A and B are travelling towards each other from the points P and Q respectively. After crossing each other, A and B take $6\frac{1}{8}$ hours and 8 hours, respectively, to reach their destinations Q and P, respectively. If the speed of B is 16.8 km/h, then the speed (in km/h) of A is:

A 20.8

B 19.8

C 20.4

D 19.2

Answer: D

Question 57

A circle is inscribed in $\triangle ABC$, touching AB at P, BC at Q and AC at R. If AR the perimeter of $\triangle ABC$ is:

A 36 cm

B 32 cm

C 37 cm

D 40 cm

Answer: A

Question 58

$$\frac{\sin \theta - \cos \theta + 1}{\sin \theta + \cos \theta - 1} = ?$$

A $\sec \theta + \tan \theta$

B $\sec \theta \tan \theta$

C $\sec \theta - \tan \theta$

D $\sec \theta \sin \theta$

Answer: A

Question 59

The table shows the production of different types of cars by a company (in thousands) in 5 years.

Car →	A	B	C	D	E
Year ↓					
2014	52	54	48	46	64
2015	47	45	53	50	45
2016	48	47	56	54	65
2017	43	50	57	67	63
2018	38	40	54	68	70

If the data related to the production of cars in 2018 is represented by pie chart, then the central angle of the sector representing the production of type C cars will be:

- A 72°
- B 91°
- C 59°
- D 93°

Answer: A

Question 60

ABCD is a trapezium in which $AB \parallel DC$ and its diagonals intersect at P. If $AP = (3x-1)$ cm, $PC = (5x-3)$ cm, $BP = (2x+1)$ cm and $PD = (6x-5)$ cm, then the length of DB is:

- A 14 cm
- B 12 cm
- C 16 cm
- D 10 cm

Answer: B

Question 61

If the 8-digit number $2074x4y2$ is divisible by 88, then the value of $(4x + 3y)$ is:

- A 36
- B 42
- C 45
- D 49

Answer: C

Question 62

If $12 \cot^2 \theta - 31 \operatorname{cosec} \theta + 32 = 0$, $0^\circ < \theta < 90^\circ$, then the value of $\tan \theta$ will be:

- A $\frac{4}{5}, \frac{4}{3}$

B $\frac{4}{3}, \frac{3\sqrt{7}}{7}$

C $\frac{5}{4}, \frac{4}{3}$

D $\frac{4}{5}, \frac{5\sqrt{7}}{7}$

Answer: B

Question 63

The income of A is 50% more than that of B. If the income of A is increased by 40% and the income of B is increased by 90%, then the percentage increase in their combined income will be:

A 64

B 60

C 55

D 70

Answer: B

Instructions

The table shows the production of different types of cars by a company (in thousands) in 5 years.

Car →	A	B	C	D	E
Year ↓					
2014	52	54	48	46	64
2015	47	45	53	50	45
2016	48	47	56	54	65
2017	43	50	57	67	63
2018	38	40	54	68	70

Question 64

The average production of type D cars in 5 years is what percent less than the production of type E cars in 2018? (Correct to one decimal place)

A 17.4

B 15.9

C 18.6

D 16.8

Answer: C

Question 65

What is the ratio of the total production of type C cars in 2015 and type D cars in 2017 taken together to the total production of type B cars in 2016 and type A cars in 2017 taken together?

A 4:3

B 13:10

C 11:9

D 12:11

Answer: A

Instructions

For the following questions answer them individually

Question 66

When x is subtracted from each of 21, 22, 60 and 64, the numbers so obtained, in this order, are in proportion. What is the mean proportional between $(x + 1)$ and $(7x + 8)$?

A 24

B 18

C 21

D 27

Answer: A

Question 67

The value of $\sqrt{\sec^2 \theta + \operatorname{cosec}^2 \theta} \times \sqrt{\tan^2 \theta - \sin^2 \theta}$ is equal to:

A $\sin \theta \sec^2 \theta$

B $\operatorname{cosec} \theta \sec^2 \theta$

C $\operatorname{cosec} \theta \cos^2 \theta$

D $\sin \theta \cos^2 \theta$

Answer: A

Question 68

If $(8x^3 - 27y^3) \div (2x - 3y) = (Ax^2 + Bxy + Cy^2)$, then the value of $(2A + B - C)$ is:

A 4

B 5

C 3

D 6

Answer: B

Question 69

If $ab + bc + ca = 8$ and $a^2 + b^2 + c^2 = 20$, then possible value of $\frac{1}{2}(a + b + c)[(a - b)^2 + (b - c)^2 + (c - a)^2]$ is:

A 80

B 72

C 56

D 84

Answer: B

Question 70

The volume of a metallic cylindrical pipe is 7480 cm^3 . If its length is 1.4 m and its external radius is 9 cm, then its thickness (given $\pi = \frac{22}{7}$) is:

A 0.8 cm

B 1 cm

C 0.9 cm

D 1.2 cm

Answer: B

Question 71

The table shows the production of different types of cars by a company (in thousands) in 5 years.

Car →	A	B	C	D	E
Year ↓					
2014	52	54	48	46	64
2015	47	45	53	50	45
2016	48	47	56	54	65
2017	43	50	57	67	63
2018	38	40	54	68	70

The total production of type B cars in all the five years is what percent more than the total production of type A, B and D cars in 2017?

A 32.2

B 57.3

C 47.5

D 49.5

Answer: C

Question 72

A sum of ₹15,000 is lent at 16% p.a. compound interest. What is the difference between the compound interest for the second year and the third year?

A ₹445.44

B ₹544

C ₹454.88

D ₹548

Answer: A

Question 73

The average of thirteen numbers is 80. The average of the first five numbers is 74.5 and that of the next five numbers is 82.5. The 11th number is 6 more than the 12th number and the 12th number is 6 less than the 13th number. What is the average of the 11th and the 13th numbers ?

- A 86.5
- B 87.5
- C 87
- D 86

Answer: C

Question 74

A person sold an article at a loss of Had he sold it at a gain of 10.5%. he would have received ₹92.50 more. To gain 12%, he should have sold it for:

- A ₹540.50
- B ₹537.40
- C ₹560
- D ₹580

Answer: A

Question 75

ABCD is a cyclic quadrilateral whose diagonals intersect at P. If $AB = BC$, $\angle DBC = 70^\circ$ and $\angle BAC = 30^\circ$, then the measure of $\angle PCD$ is:

- A 55°
- B 50°
- C 30°
- D 35°

Answer: B

English

Instructions

For the following questions answer them individually

Question 76

Select the antonym of the given word.

AGONY

- A** anxiety
- B** misery
- C** distress
- D** comfort

Answer: D

Question 77

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

Cyclone Idai is regarded as one of the worst tropical cyclone on record to affect Africa and the Southern Hemisphere as a whole.

- A** the worst tropical cyclone
- B** Cyclone Idai is regarded
- C** to affect Africa
- D** as a whole

Answer: A

Question 78

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

An inscription on a tombstone written in memory of the deceased

- A** epitaph
- B** pillar
- C** basilica
- D** slab

Answer: A

Question 79

Select the correct passive form of the given sentence.

At night, lock the outer gate.

- A** Let the outer gate be locked at night.
- B** The outer gate is requested to be locked at night.
- C** The outer gate be locked at night.
- D** The outer gate is locked at night.

Answer: A

Question 80

Select the synonym of the given word.
TRIUMPH

- A victory
- B attack
- C fight
- D peace

Answer: A

Question 81

Select the most appropriate word to fill in the blank.
The burning of the effigy of Ravana on Dussehra _____ the burning of all evils.

- A symbolizes
- B intensifies
- C epitomizes
- D personifies

Answer: A

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:

Pigeon racing has become increasingly popular in parts of China (1) _____ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association, (2) _____ that at least 100,000 pigeon breeders live in Beijing, and (3) _____ 90,000 of them are registered with Racing Pigeons Associations at (4) _____ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5) _____ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

Question 82

Select the most appropriate option for blank No. 1

- A about
- B along
- C against
- D among

Answer: D

Question 83

Select the most appropriate option for blank No. 2

- A told
- B said
- C advised
- D clarified

Answer: B

Question 84

Select the most appropriate option for blank No. 3

- A exact
- B nearby
- C almost
- D utmost

Answer: C

Question 85

Select the most appropriate option for blank No. 4

- A different
- B differ
- C differential
- D differed

Answer: A

Question 86

Select the most appropriate option for blank No. 5

- A birds
- B animal
- C bird
- D pigeons

Answer: C

Instructions

For the following questions answer them individually

Question 87

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

- A. Mango, the so-called "king of fruits", is something of a national obsession in India.
- B. There was a bumper crop of mangoes in different states.
- C. It resulted in prices coming down and sales going up — much to the delight of buyers and sellers alike.
- D. 2017 proved to be a very good year for mango lovers.

- A ADBC
- B CADB
- C CDAB
- D ADCB

Answer: A

Question 88

Select the antonym of the given word.

EMINENT

- A Impressive
- B exalted
- C inconspicuous
- D distinguished

Answer: C

Question 89

In the sentence identify the segment which contains the grammatical error.
Every employee of the company were given a two bedroom flat as Diwali bonus.

- A a two bedroom flat
- B were given
- C Every employee
- D as Diwali bonus

Answer: B

Question 90

Select the most appropriate meaning of the given idiom.
pull yourself together

- A go to sleep
- B try to understand
- C calm down

D do a good job

Answer: C

Question 91

Select the most appropriate word to fill in the blank.

There is hope that better forestry management will help in the _____ of the wild life that is constantly facing threat because of increasing human activities.

A conservation

B guarding

C salvation

D supervision

Answer: A

Question 92

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

A. Around 600 million of them live in areas of high to extreme water stress.

B. India is suffering from the worst water crisis, with one billion people living in water scarcity.

C. This is even more than that of China and US combined.

D. The reason is that at 24 per cent, India uses the most groundwater drawn out globally.

A BDAC

B BADC

C ADCB

D ACBD

Answer: B

Question 93

Select the most appropriate meaning of the given idiom.

give someone the cold shoulder

A ignore someone

B pamper someone

C do something pointless

D give away a secret

Answer: A

Question 94

Select the word which has the same meaning as the group of words given.

an enclosure to keep the birds in

A sanctuary

- B stable
- C apiary
- D aviary

Answer: D

Question 95

**Select the correct active form of the given sentence.
Their children were brought up with great care.**

- A They had brought up their children with great care.
- B They have been bringing up their children with great care.
- C They brought up their children with great care.
- D Their children brought them up with great care.

Answer: C

Question 96

**Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.
I try to solve this problem at least for two hours.**

- A tried to be solving
- B am try to solve
- C No improvement
- D have been trying to solve

Answer: D

Question 97

Select the wrongly spelt word.

- A controversial
- B conquer
- C contamporary
- D cooperation

Answer: C

Question 98

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

If you listen to the English news, it improve your English.

- A it improved
- B it will improve
- C No improvement
- D it is improving

Answer: B

Question 99

Select the wrongly spelt word.

- A except
- B expire
- C expereince
- D explain

Answer: C

Question 100

Select the synonym of the given word.

INDELIBLE

- A illegible
- B inerasable
- C ineffective
- D illegal

Answer: A

