SSC MTS 14th August 2019 Shift-2

English

Instructions

For the following questions answer them individually

Question 1

Select the most appropriate meaning of the given idiom.
Be on cloud nine

A   To be in a state of extreme happiness

B   To be able to climb higher

C   To dream of clouds

D   To think about something unrealistically

   Answer: A

Question 2

Identify the segment in the sentence which contains the grammatical error.
The mother as well as her children were brought to the police station for interrogation.

A   her children were brought

B   to the police station

C   for interrogation

D   The mother as well as

   Answer: A

Question 3

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
I tried to contact her two or three times but _____ time there was no reply.

A   each

B   both

C   all

D   any

   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:

Thomas was the manager of a cooperative society in Katchall. His wife (1)_____him up at 6 a.m. because she felt an earthquake. Thomas (2)_____ took his television set (3)_____ the table and put it down on the ground so that it would not fall and break. Then the family (4)_____ out of the house. When the tremors stopped, they saw the sea waves (5)_____.

Question 4

Select the most appropriate option to fill in blank No.1.

A   wake

B   awake

C   woke

D   awoke

   Answer: A

Question 5

Select the most appropriate option to fill in blank No.2.

A   exactly

B   faithfully

C   patiently

D   hurriedly

   Answer: D

Question 6

Select the most appropriate option to fill in blank No.3.

A   of

B   at

C   by

D   off

   Answer: D

Question 7

Select the most appropriate option to fill in blank No.4.

A   pressured

B   rushed

C   driven

D   pressed

   Answer: B

Question 8

Select the most appropriate option to fill in blank No.5.

A   falling

B   growing

C   breaking

D   rising

   Answer: D

Instructions

For the following questions answer them individually

Question 9

Select the most appropriate synonym of the given word.
INTEGRATION

A   Separation

B   Unification

C   Segregation

D   Division

   Answer: B

Question 10

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
Do you mind <u>to lending me</u> your umbrella ?

A   to lend me

B   lending me

C   No improvement

D   lend me

   Answer: B

Instructions

Select the most appropriate word for the given group of words.

Question 11

The study of human societies and cultures and their development

A   Anthropology

B   Zoology

C   Etymology

D   Physiology

   Answer: A

Question 12

The stage of growth between boyhood and youth

A   Infancy

B   Childhood

C   Adulthood

D   Adolescence

   Answer: D

Instructions
For the following questions answer them individually

Question 13

Identify the segment in the sentence which contains the grammatical error.
The master did not know who of the servants had broken the glass.

A   the glass

B   who of the servants

C   had broken

D   The master did not know

   Answer: B

Question 14

Select the correctly spelt word.

A   Temparary

B   Threshold

C   Temparature

D   Tachnique

   Answer: B

Question 15

Select the most appropriate synonym of the given word.
ACCLAIM

A   Censure

B   Praise

C   Blame

D Criticism

Answer: B

Question 16

Select the wrongly spelt word.

A Journey

B Condemn

C Anxiety

D Dimond

Answer: D

Question 17

Select the most appropriate word to fill in the blank and make a meaningful sentence.
The idea of Satyagraha _____ the power of truth.

A impressed

B emphasized

C created

D insisted

Answer: B

Question 18

Select the most appropriate option to substitute the underlined segment. If there is no need to substitute it, select No improvement
He does not tell lies, doesn't he ?

A does he

B isn't he

C No improvement

D didn't he

Answer: A

Question 19

Select the most appropriate antonym of the word.
CURTAIL

A Reduce

B Decrease

C Enlarge

D lessen

Answer: C

Question 20

Select the most appropriate word to fill in the blank and make a meaningful sentence.
When we talk of 'globalization' we often refer to an economic system that has _____ in the last 50 years or so.

A proceeded

B emerged

C derived

D flowed

Answer: B

Question 21

Select the most appropriate option to substitute the underlined segment. If there is no need to substitute it, select No improvement
Have you <u>ever being by</u> New York?

A No improvement

B ever being at

C ever been to

D never been with

Answer: C

Question 22

Select the most appropriate meaning of the given idiom.
Give someone the cold shoulder

A To display superiority

B To serve cold food

C To involve in a verbal dispute

D To ignore someone

Answer: D

Question 23

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
Chris and I play tennis together regularly, but _____ of us can play very well.

A both

B either

C none

D neither

Answer: D

Question 24

Identify the segment in the sentence which contains the grammatical error.
You are not expect to do the work alone.

A not expect

B to do

C work alone

D You are

Answer: A

Question 25

Select the most appropriate antonym of the word.
AMBIGUOUS

A Strange

B Uncertain

C Clear

D Indefinite

Answer: C

Reasoning

Instructions
For the following questions answer them individually

Question 26

In a code language, if 'SOLID' is written as '8415323', then how will 'LUCID' be written in that language?

A 14524323

B 15524323

C 15424322

D 15423322

Answer: B

Question 27

Yuvraj has got more marks than Shakti. Neha has got less marks than Anamika. Swapnil has got more marks than Adil. Yuvraj gets less marks than Adil. Anamika and Shakti has got equal marks. Aditya has got more marks than Adil but less than only one person in the group. Who has got the highest and lowest marks?

A   Yuvraj - highest, Neha - lowest

B   Swapnil - highest, Shakti - lowest

C   Swapnil - highest, Neha - lowest

D   Adil - highest, Swapnil - lowest

   Answer: C

Question 28

In a code language, 'are you coming' is written as 'gla pla sot', 'they are right' is written as 'kla sot pom', 'are they coming' is written as 'sot pla pom'. What is the code for 'right'?
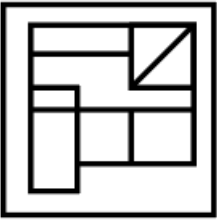
A   pom

B   sot

C   kla

D   gla

   Answer: C

Question 29

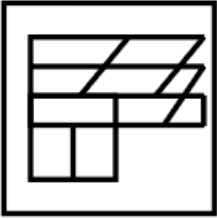Select the option figure which contains figure X embedded in it as its part. (Rotation is not allowed)

A

B

C

D
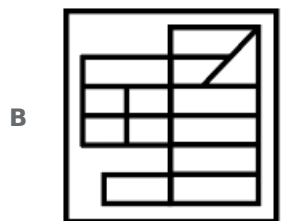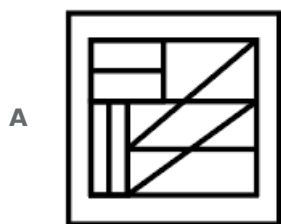
Answer: A

Question 30

In a class of 70 students, 40 students have passed in Philosophy, 36 have passedin History, 10 students have failed in both the subjects. How many students have passed in Philosophy only?

A 16

B 24

C 20

D 34

Answer: B

Question 31

Two statements are given, followed by four conclusions as options. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which conclusion logically follows from the statements.
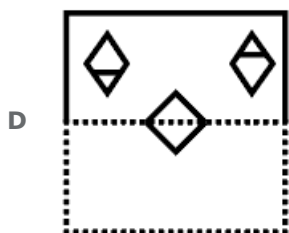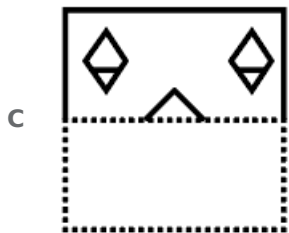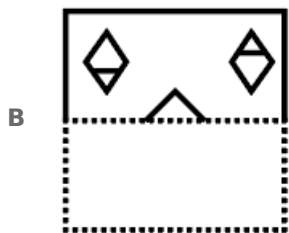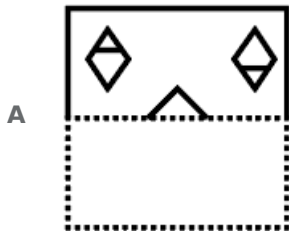**Statements:**
All roots are plants.
No plant is fruit.

A No plant is root.

B Some fruits are roots.

C No fruit is root.

D Some roots are not plants.

Answer: C

Question 32

A figure of transparent sheet with a pattern is given below. Figure out from amongst the four options as to how the pattern would appear when the transparent sheet is folded at the dotted line.

A

B

C

D

Answer: C

Question 33

If 'A' stands 'addition', B stands for 'division', C stands for 'subtraction' and D stands for 'multiplication, then what is the value of the following equation?
14 A 7 D 5 D (2 D 2) C (96 B 6) D 3 = ?

A   104

B   105

C   106

D 107

Answer: C

Question 34

Select the set in which the numbers are related in the same way as are the numbers of the following set.
17, 85, 425

A 15, 75, 300

B 18, 108, 440

C 21, 105, 525

D 16, 80, 320

Answer: C

Question 35

Select the option that is related to the third number in the same way as the second number is related to the first number.
4 : 41 : : 7 : ?

A 111

B 114

C 113

D 112

Answer: C

Question 36

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.
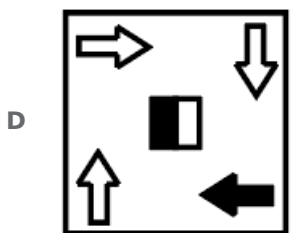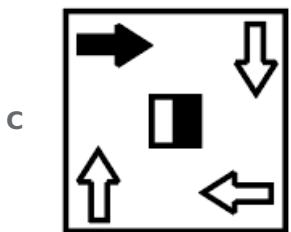BTU : JBC : : HLA : ?
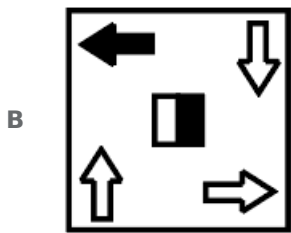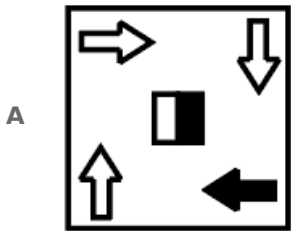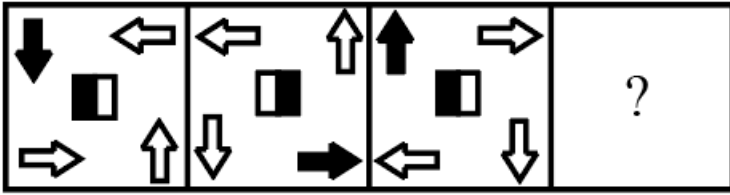
A OTH

B PSH

C PTI

D OTI

Answer: C

Question 37

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

A

B

C

D

Answer: A

Question 38

In a code language, if 'BADGE' is written as '4281410', then how will 'NORMS' be written in that language?

A   2832362436

B   2430362630

C   1415181320

D   2830362638

Answer: D

Question 39

Which of the following letter cluster will replace the question mark (?) to complete the given series?
CATCH, DATCH, DCTCH, DCWCH, ?, DCWGM

A DCWHH

B DCWGH

C DCWDH

D DCWGI

Answer: B

Question 40

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.
Bird : Nest

A Rabbit : Burrow

B Lion : Hole

C Shed : Cow

D Bear : Stabble

Answer: A

Question 41

Six persons A, B, C, D, E and F are sitting in two lines with three persons in each line. All are facing north. B is ahead of D. F is behind E. C and D are diagonal to each other. C is just before E. A is after D. Which two persons are sitting at the last positions of both the rows?

A D and E

B B and E

C B and F

D A and F

Answer: D

Question 42

Which two signs and two numbers should be interchanged to make the given equation correct?
$54 - 45 \div 9 + 7 \times 11 = 14$

A $7 \, and \, 54, + \, and -$

B $9 \, and \, 11, - \, and \div$

C $54\ and\ 45, +\ and\ \times$

D $45\ and\ 11, \div\ and\ \times$

Answer: C

Question 43

In a code language, 'MAGICAL' is written as 'GAMILAC'. How will 'LECTURE' be written as in that language?
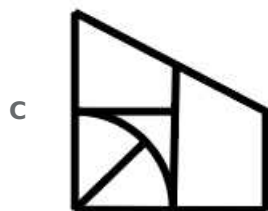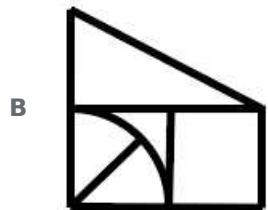
A CELTURE

B CELTERU

C ELTCERU

D CLETERU

Answer: B

Question 44

Which of the following option figure will complete the pattern in the figure given below?

A

B

C

D
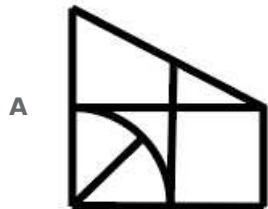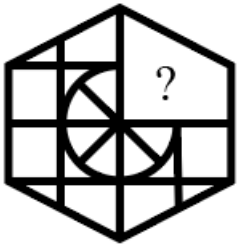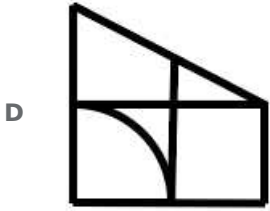
Answer: A

Question 45

'Nagaland' is related to 'State' in the same way as 'South America' is related to '_____'.

A   Continent

B   Land

C   Country

D   Capital

Answer: A

Question 46

Eight friends P, Q, R, S, T, U, V and W are sitting around a circular table at equal distances from each other. S is between V and Q. Also Q is between P and S. V is sitting in north-east and P is sitting in south direction. W and S, T and V, and Q and R are sitting at exact
opposite ends. Who is sitting between R and V?

A   S

B   P

C   W

D   U

Answer: D

Question 47

Which number will replace the question mark (?) in the following series?
14, 15, 32, ?, 400

A   98

B   99

C   69

D   100

Answer: B

Question 48

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:
I. All match- boxes are torches
II. All torches are lanterns.
Conclusions:
I. Some torch es are match-boxes.
II. Some lanterns are match-boxes .
III. No match-box is lantern.

A Conclusions II and III follow.

B Conclusions I and II follow.

C Only conclusion I follows.

D Only conclusion II follows.

Answer: B

Question 49

Which number will replace the question mark (?) in the following series?
4, 9, 19, 39, 79, ?

A 161

B 156

C 159

D 158

Answer: C

Question 50

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

6 4 2 h n 3 K

A Ʞ Ɛ n d �...

B K Ɛ n Ψ ⊆ ⏁ ∂

C Ʞ Ɛ n d ⊆ ⏁ ∂

D Ʞ Ɛ u d ⊆ ⏁ ∂

Answer: C

Quant

Instructions

For the following questions answer them individually

Question 51

The average of 25 numbers is zero. At most, how many of these numbers can be greater than zero ?

A 25

B 13

C 12

D 24

  Answer: D

Question 52

The average of 50 numbers is 75. If the average of first set of 25 numbers is 65, then whatis the average of the second set of 25 numbers?

A 105

B 95

C 85

D 75

  Answer: C

Question 53

A shopkeeper earns the same percent of profit as well as loss by selling two similar pieces of a furniture for ₹18000 and ₹10000, respectively. At what price should he sell it to earn a profit of 50%?

A ₹21,000

B ₹20,250

C ₹21,750

D ₹19,500

  Answer: A

Question 54

If 60% of a number is equal to $\frac{3}{7}$ of another number, then what is the ratio of the two numbers?

A 4 : 7

B 5 : 8

C 5 : 7

D 1 : 2

Question 55

The Table shows the distribution of the marks obtained by various students in a class. What is the ratio of the number of students getting $\geq$ 20% in English and $\geq$ 80% in Hindi to $\geq$ 40% in English and $\geq$ 60% in Hindi?

Subjects	Marks out of 50				
	40 and above	30 and above	20 and above	10 and above	0 and above
English	480	1440	3840	4320	4800
Hindi	200	960	3360	3840	4800
Average(Aggregate)	340	1200	3600	4080	4800

A 107 : 130

B 113 : 130

C 113 : 120

D 107 : 120

Answer: C

Question 56

What is the value of $(1 \times 2 + 2 \times 3 - 3 \times 4 + 4 \times 5 - 5 \times 6 + 6 \times 7)$**?**

A 28

B 25

C 20

D 24

Answer: D

Question 57

The total surface area of a hemisphere is 462 cm^2. What is its diameter?(Take $\pi = \frac{22}{7}$)

A 14 cm

B 7 cm

C 17.5 cm

D 10.5 cm

Answer: A

Question 58

A farmer sells wheat. He mixes the two types of wheat he grows. 30 kg of the first group costs him ₹900 and 20 kg of the other group costs him ₹1100. At what price per kg should he sell the mixture so as to earn 25% on his average cost?

A   ₹40

B   ₹42

C   ₹50

D   ₹48

   Answer: C

Question 59

A hemisphere of radius 30 cm is moulded to form a cylinder of height 180 cm. The diameter of the cylinder is:

A   15 cm

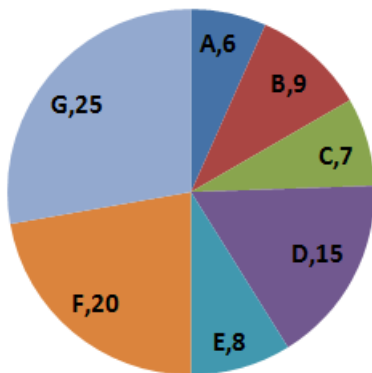**B**   10 cm

C   5 cm

D   20 cm

   Answer: D

Question 60

The Pie chart shows the proportionate population of seven villages. The seven villages make up a district. If the population of villages F and G combined is 35000, then what is the total population of the district?

Population of Villages

A   70000

B   84000

C   77000

D   63000

   Answer: A

Question 61

What is the total surface area of a cone which has a radius of 21 cm and a height of 28 cm? (Take $\pi = \frac{22}{7}$)

A   3696 cm^2

B   1848 cm^2

C   5544 cm^2

D   7392 cm^2

   Answer: A

Question 62

In a mixture of 100 litres of milk and water, the ratio of milk and water is 3 : 2. If this ratio is to be 1 : 1, how much more water is to be added to the mixture?

A   25 litres

B   15 litres

C   30 litres

D   20 litres

   Answer: D

Question 63

The price of a machine got depreciated by 50% in the 1st year, $33\frac{1}{3}\%$ in the 2nd year and 25% in the 3rd year. Overall, by how much has the machine depreciated?

A $66\frac{2}{3}\%$

B   80%

C   75%

D   50%

   Answer: C

Question 64

A train's average speed is 72 km/h but is reduced to 60 km/h due to stoppages. For how much time does the train stop in an hour?

A   10 minutes

B   12 minutes

C   15 minutes

Question 65

X did a task for 24 days and left it incomplete. He could have finished the task all by himself in a total of 36 days. Y, who can finish the task alone in 18 days, will take how many more days to complete the task?

A 9

B 6

C 12

D 8

  Answer: B

Question 66

A, B and C can complete a work alone in 400, 600 and 900 days respectively. In how many days can the work be completed if it is started by A and heis assisted by B and C on every second and third day respectively?

A 292

B 270

C 240

D 293

  Answer: B

Question 67

A set of data is as under: 4, 2, 3, 2, 7, 4, 8, 5, 2, 4, 5, 6, 2, 5, 6, 6, 5, 4, 6, 5, 3, 4, 3 What is the mode of the set?

A 2

B 5

C 6

D 4

  Answer: B

Question 68

What is the effective annual rate of interest corresponding to a rate of 10% per annum compounded half-yearly?
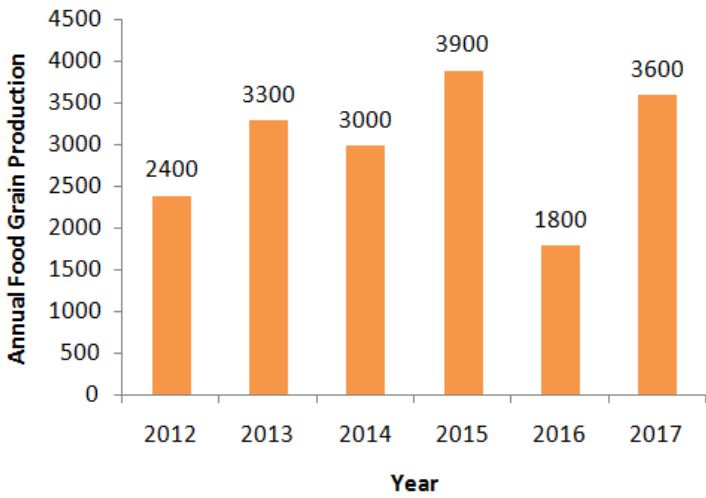
A 10.75%

B 10.5%

C 10%

D 10.25%

Answer: D

Question 69

The bar chart shows the annual food grain production (in million tonnes) for years 2012-2017. For how many years is the production less than the average production during the given period?

A 1

B 3

C 2

D 4

Answer: C

Question 70

X took a loan of ₹5000 on simple interest, the rate of interest being the same as the numberof years for which the loan was taken. If the interest paid was ₹1800, then what was the rate of interest?

A 6.5%

B 6%

C 5%

D 5.5%

Answer: B

Question 71

The number of students studying subjects A, B and C in a school are in the proportion 12 : 15 : 16. There is a proposal to increase the number of students studying A, B and C, respectively by 50%, 20% and 50%. What will be the new proportion of the number of students studying A, B and C?

A 3 : 3 : 5

B 3 : 3 : 4

C $2:3:3$

D $5:8:12$

  Answer: B

Question 72

What is the highest number which when divides the numbers 1026, 2052 and 4102, leave remainders 2, 4 and 6 respectively.

A 512

B 1024

C 128

D 256

  Answer: B

Question 73

Two trains are moving in opposite directions with speeds of 35 m/s and 45 m/s respectively. From the time they are 12 km apart, how much time would they take to cross each other?

A 2 minutes 30 seconds

B 2 minutes

C 3 minutes

D 3 minutes 30 seconds

  Answer: A

Question 74

A customer was offered a discount of 40% on a piece of cloth. Oninsisting further, the shopkeeper agreed to a further discount of 20% on above. What was the effective discount offered to the customer?

A 60%

B 48%

C 52%

D 54%

  Answer: C

Question 75

The value of

$8 \, of \, 3 \div 6 + (10 + 2) \times 3 - 96 \div 3$ **is:**

A 7

B 9

C 10

D 8

   Answer: D

General knowledge

Instructions

For the following questions answer them individually

Question 76

A barometer is used to measure which one of the following?

A current

B atmospheric pressure

C humidity

D altitude

   Answer: B

Question 77

Who won Hockey Men's world cup 2018 held in Odisha, India?

A Belgium

B Germany

C India

D Australia

   Answer: A

Question 78

Which Index is used by RBI to decide repo rate and measure Inflation?

A CPI - rural

B CPI - Combined

C IIP

D WPI

   Answer: D

Question 79

Silk is obtained from which type of organism?

A   Moth

B   Goat

C   Sheep

D   Butterfly

   Answer: A

Question 80

Who won the Nobel Prize in Physics in 2018?

A   Arthur Ashkin

B   Nadia Murad

C   Denis Mukwege

D   Sir Gregory R Winter

   Answer: A

Question 81

For how many mandated crops, Minimum Support Price (MSP) is announced by the government?

A   22

B   42

C   32

D   12

   Answer: A

Question 82

Which of the following is NOT a major basin in India?

A   Luni Basin

B   Krishna Basin

C   Indus Basin

D   Ganga- Brahmapurtra Basin

   Answer: A

Question 83

As of June 2019, who is the Governor of Maharashtra?

A   Banwarilal Purohit

B   Jagdish Mukhi

C   Chennamaneni Vidyasagar Rao

D   Palanisamy Sathasivam

   Answer: C

Question 84

Which Constitutional Amendment Act introduced Anti-Defection Provisons in the Constitution?

A 52nd Constitutional Amendment Act

B 44th Constitutional Amendment Act

C 86th Constitutional Amendment Act

D 43rd Constitutional Amendment Act

   Answer: A

Question 85

Who wrote the book 'An enquiry into the Nature'?

A   Benjamin Franklin

B   Charles Darwin

C   Rabindranath Tagore

D   Adam Smith

   Answer: D

Question 86

The movie 'Pather Panchali' is directed by:

A   Soumitra Chatterjee

B   Raj Kapoor

C   Satyajit Ray

D   Dadasaheb Phalke

   Answer: C

Question 87

Minhaj-i-Siraj, a chronicler used the term "Hindustan" to represent the areas of _____.

A   Afghanistan, Iran, and India

B   Punjab, Haryana and lands between Ganga and Yamuna

C Central India and Deccan

D Punjab and Sindh

   Answer: B

Question 88

Where is Roland Garros Grand Slam of Tennis held?

A Brussels

B Paris

C London

D Zurich

   Answer: B

Question 89

Financial Emergency provisions of Indian Constitution have been borrowed from _____.

A Canadian Constitution

B American Constitution

C Irish Constitution

D German Constitution

   Answer: D

Question 90

In which of the following states was Lord Mahavira born?

A Maharashtra

B Karnataka

C Bihar

D Gujarat

   Answer: C

Question 91

Nathu la and Jelep la Passes are located in which mountain range?

A Sahyadri

B Himalayas

C Aravalli

D Vindhya Hills

Answer: B

Question 92

Which of the following is a Coral Island?

A   Lakshadweep

B   Wheeler's Island

C   Andaman & Nicobar

D   Sri Lanka

   Answer: A

Question 93

Reproduction in Human Beings occurs through which type of fertilisation?

A   Internal Fertilisation

B   In Vitro Fertilisation

C   External Fertilisation

D   Ex Vitro Fertilisation

   Answer: A

Question 94

Settlements of peasants under Chola Dynasty was known as _____.

A   Nadu

B   Muvendavelan

C   Ur

D   Taluka

   Answer: C

Question 95

Which of the following physical Quantity - SI unit pairs is correctly matched?

A   Power - Kilogram

B   Inductance - Henry

C   Capacitance - Ohm

D   Force - Newton

   Answer: D

Question 96

Who among the following is a recipient of Bharat Ratna Award 2019?

A   Atal Bihari Bajpayee

B   Sonia Gandhi

C   C.N.R. Rao

D   Pranab Mukherjee

   Answer: D

Question 97

Who led the Civil Disobedience Movement in India?

A   William Wedderburn

B   Mahatma Gandhi

C   Annie Besant and Bal Gangadhar Tilak

D   Chelmsford

   Answer: B

Question 98

Which of the following is a metal?

A   Sulphur

B   Iodine

C   Iron

D   Carbon

   Answer: C

Question 99

The situation in the economy where unemployment is prevailing is known as _____.

A   Galloping Inflation

B   Stagflation

C   Hyper Inflation

D   Individual Debt

   Answer: B

Question 100

Amaravati Stupa is located in which state of India?

A   Madhya Pradesh

B   Chhattisgarh

C   Andhra Pradesh

D   Maharashtra

Answer: C

Instructions

For the following questions answer them individually

Question 1

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 banquet hall is been renovate recently.

A   is being renovated

B   has been renovated

C   no substitution required

D   are being renovate

   Answer: B

Question 2

Select the most appropriate word for the given group of words.
A person who has had long experience in a particular field

A   Veteran

B   Amateur

C   Cosmopolitan

D   Stoic

   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:

Father read out to Swami the news of a young boy (1)_____ had faced a tiger while returning home (2)_____ the jungle path. "What do you (3)_____ to that, Swami ?" he asked. "I (4)_____ he must have been a very strong and (5)_____ person, not at all a boy. How could a boy fight a
tiger ?" said Swami.

Question 3

Select the most appropriate option to fill in blank No.1.

A   which

B   whom

C   that

D   who

   Answer: D

Question 4

Select the most appropriate option to fill in blank No.2.

A   at

B   from

C   for

D   to

   Answer: B

Question 5

Select the most appropriate option to fill in blank No.3.

A   say

B   talk

C   tell

D   speak

   Answer: A

Question 6

Select the most appropriate option to fill in blank No.4.

A   know

B   regard

C   think

D   suggest

   Answer: C

Question 7

Select the most appropriate option to fill in blank No.5.

A   grown over

B   grown out

C   grown in

D   grown up

   Answer: D

Instructions

For the following questions answer them individually

Question 8

Select the most appropriate synonym of the given word.
VIGILANT

A   Negligent

B   Inattentive

C   Watchful

D   Careless

   Answer: C

Question 9

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
The more tired you are, the _____ it is to concentrate.

A   harder

B   hardest

C   more harder

D   hard

   Answer: A

Question 10

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
More than 60% of India's population live under the poverty line.

A   lives beside the poverty line

B   no substitution required

C   live by the poverty line

D   lives below the poverty line

   Answer: D

Question 11

Select the most appropriate word for the given group of words.
One who loves books

A   Orator

B   Altruist

C   Librarian

D   Bibliophile

Answer: D

Question 12

Select the most appropriate antonym of the word.
GRADUAL

A   Moderate

B   Rapid

C   Measured

D   Slow

   Answer: B

Question 13

Select the most appropriate option to substitute the underlined segment.
The girl <u>who paint</u> this picture is my neighbour.

A   no substitution required

B   who painted

C   which paints

D   who are painting

   Answer: B

Question 14

Identify the segment in the sentence which contains the grammatical error.
No sooner did the rabbit come out of the bush when the hunter killed it.

A   killed it

B   come out of the bush

C   when the hunter

D   No sooner did the rabbit

   Answer: C

Question 15

Select the most appropriate word to fill in the blank and make a meaningful sentence.
The common occurrences of fatigue and _____ decrease when we listen to music.

A   depletion

B   distaste

C   boredom

D   liveliness

Answer: C

Question 16

Identify the segment in the sentence which contains the grammatical error.
This coffee is not available in any of the shop in the neighbourhood market.

A   not available in

B   in the neighbourhood market

C   any of the shop

D   This coffee is

   Answer: C

Question 17

Select the correctly spelt word.

A   Asthetic

B   Already

C   Outragous

D   Orignal

   Answer: B

Question 18

Select the most appropriate meaning of the given idiom.
Child's play

A   Something delightful

B   Something amusing

C   Something easy

D   Something risky

   Answer: C

Question 19

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
I was walking along the street when suddenly I _____ footsteps behind me.

A   hear

B   hearing

C   heard

D   was hearing

   Answer: C

Question 20

Select the most appropriate word to fill in the blank and make a meaningful sentence.
A concerted effort has to be made in order to use our mineral resources in a planned and _____ manner.

A reserved

B collected

C preserved

D sustainable

   Answer: D

Question 21

Select the correctly spelt word.

A Maintnance

B Medeval

C Millenium

D Moustache

   Answer: D

Question 22

Select the most appropriate meaning of the given idiom.
Work like a charm

A To do something faster

B To delay a task

C To work very well

D To do a magic trick

   Answer: C

Question 23

Select the most appropriate antonym of the word.
CONSENSUS

A Disagreement

B Agreement

C Consent

D Harmony

Answer: A

Question 24

Identify the segment in the sentence which contains the grammatical error.
David and me are brothers but from different mothers.

A   but from

B   different mothers

C   David and me

D   are brothers

Answer: C

Question 25

Select the most appropriate synonym of the given word.
LUCID

A   Confusing

B   Clear

C   Ambiguous

D   Unclear

Answer: B

Reasoning

Instructions

For the following questions answer them individually

Question 26

In a code language, if 'LODGE' is written as '122254725', then how will 'CARING' be written in that language?

A   411809146

B   321881147

C   311809137

D   311881147

Answer: D

Question 27

Among 45 students of a class, 26 attend Yoga class, 28 attend Gymnastic class and 5 students attend neither Yoga nor Gymnastic class. How manystudents attend both Yoga and Gymnastic classes?

A 16

B 14

C 12

D 10

　Answer: B

Question 28

Three 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:
I. Some guavas are apples.
II. All grapes are oranges.
III. Some apples are grapes.
Conclusions:
I. Some apple s are oranges.
II. No orange is guava.
III. Some oranges are guavas.

A Conclusions I and II follow.

B Conclusion I and either II or III follow.

C Conclusions II and III follow.

D Only either conclusion I or III follow.

　Answer: B

Question 29

Two statements are given, followed by four conclusions in the options. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which conclusion logically follows from the statements.
Statements:
No hospital i s clinic.
All clinics are houses .

A Some houses are not hospitals.

B All houses are hospitals.

C All houses are clinics.

D No house is hospital.

　Answer: A

Question 30

Which two signs should be interchanged to make the given equation correct?
$15 - 18 + 14 \times 3 \div 3 = 19$

A $' \times'\ and'-'$

B $'+'\ and'-'$

C $' \times'\ and'+'$

D $'+'\ and'\div'$

   Answer: B

Question 31

Select the option that is related to the third number in the same way as the second number is related to the first number.
225 : 210 :: 324 : ?

A   256

B   290

C   316

D   306

   Answer: D

Question 32

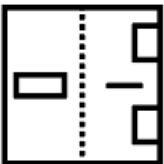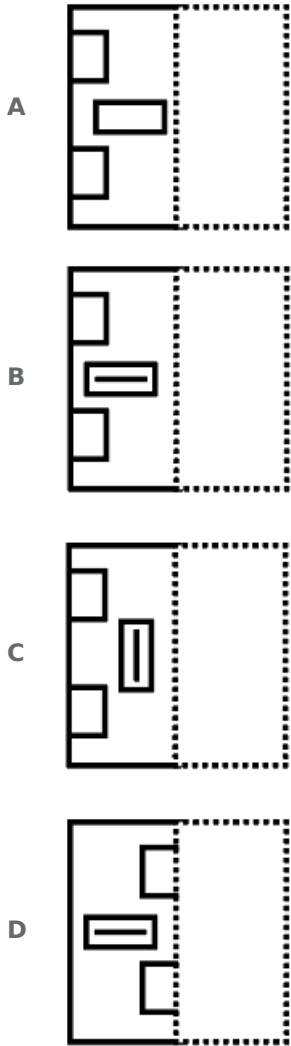Which of the following letter cluster will replace the question mark (?) to complete the given series?
SXP, PVO, MTN, ? , GPL

A   KRM

B   JRM

C   JSM

D   JQN

   Answer: B

Question 33

A figure of transparent sheet with a pattern is given below. Figure out from amongst the four options as to how the pattern would appear when the transparent sheet is folded at the dotted line.

A

B

C

D

Answer: B

Question 34

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.
TKJR : VNNW : : GXMQ : ?

A   HARV
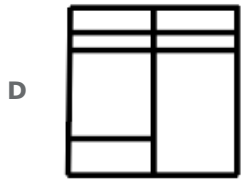
B   JBQV
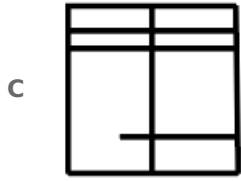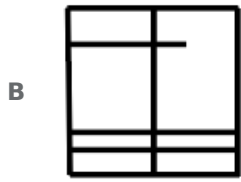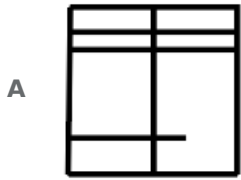
C   IAQV

D   IZPV

Answer: C

Question 35

Which of the following option figure will complete the pattern in the figure given below?

A

B

C

D
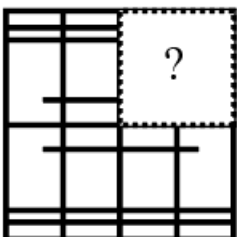
Answer: A

Question 36

Select the correct mirror image of the given letter-number cluster when the mirror is placed below the cluster

RGftBQZ54

A

B

C

D

Answer: B

Question 37

Which number will replace the question mark (?) in the following series?
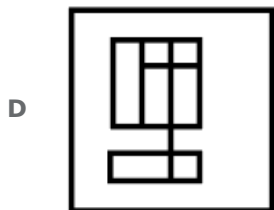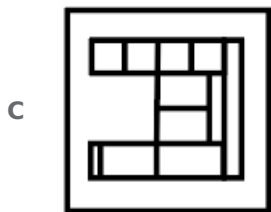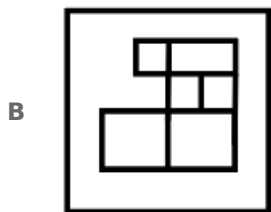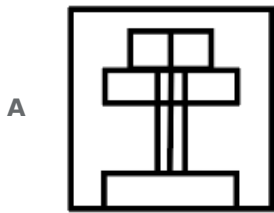10, 17, 31, 52, 80, ?

A 115

B 125

C 135

D 105

Answer: A

Question 38

Select the option figure which contains the given question figure embedded in it as its part. (Rotation is not allowed)
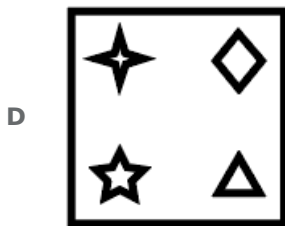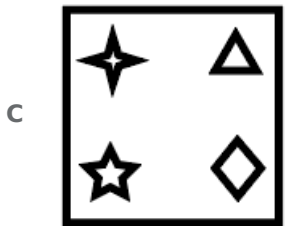

A

B

C

D

Answer: C

Question 39

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

A

B

C

D
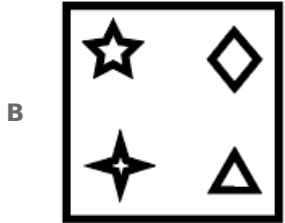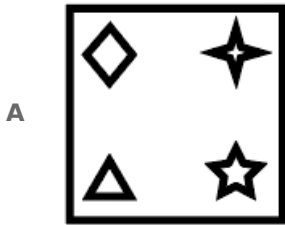
Answer: D

Question 40

Which two numbers should be interchanged to make the given equation correct?
$64 - 17 + 55 \times 65 \div 5 = 230$

A 55 and 65

B 17 and 55

C 64 and 17

D 17 and 65

Answer: B

Question 41

Six persons P, Q, R, S, T and U are standing in a circular form. U is standing between S and T. T is not standing adjacent to P. P is standing between S and R. Who is standing between T and R?

A U

B P

C Q

D S

Answer: C

Question 42

Among five vehicles, A, B, C, D and E, the mileage of D is more than B and C. A's mileage is less than B but more than C. E's mileage is more than A but less than B. Which vehicles's mileage is the highest among all five vehicles?

A B

B A

C D

D E

Answer: C

Question 43

In a code langauge, 'SAMPLE' is written as 'MASELP', how would 'COTTON' be written in that language?

A TOCTON

B TOCNOT

C OCTTNO

D COTNOT

Answer: B

Question 44

In a code language, if 'HE' = 40 and 'GO' = 105, then what will be the code for 'BAND' in that language?

A 52

B 112

C 21

D 102

Answer: B

Question 45

One term in the given number series is wrong. Find out the wrong term.
15, 17, 22, 32, 49, 76

A 49

B 32

C 22

D 76

　　Answer: D

Question 46

Five friends' houses are located in an straight line. Amit's house is not near Dipesh's house. Shayana's house is between Brinda's and Sheetal's house. Brinda's house is between Shayana and Dipesh. Whose houses are located near Sheetal?

A Shayana and Brinda

B Amit and Dipesh

C Amit and Shayana

D Amit and Brinda

　　Answer: C

Question 47

'School' is related to 'Study' in the same way as 'Restaurant' is related to '_____'.

A Waiter

B Eat

C Vegetables

D Menu

　　Answer: B

Question 48

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.
Gallon : Volume

A Mile : Distance

B Light : Power

C Minute : Seconds

D Yards : Weight

　　Answer: A

Question 49

In a code language, 'this is done' is written as 'koj mor soj', 'that is okay' is written as 'loj roj mor', and 'you are okay' is written as 'hok nok loj', then what is the code for 'that' in that language?

A mor

B loj

C koj

D roj

Answer: D

Question 50

Select the set in which the numbers are related in the same way as are the numbers of the following set.
6, 37, 217

A 7, 48, 284

B 5, 26, 124

C 4, 17, 65

D 10, 100, 1002

Answer: C

Quant

Instructions

For the following questions answer them individually

Question 51

In one hour, a man rows his canoe against the stream at 11 km/h and along the stream at 23 km/h. What is the speed (in km/h) of stream?

A 6

B 5

C 17

D 16.5

Answer: A

Question 52

If the selling price of an article is $\frac{3}{4}$ times its cost price, the profit/loss percentis:

A 25% profit

B 25% loss

C $33\frac{1}{3}\%$ profit

D $33\frac{1}{3}\%$ loss

Answer: B

Question 53

A rectangular paper of width 7 cm is rolled along its width and a cylinder of radius 9 cm is formed. The volume of the cylinder is:(Take $\pi = \frac{22}{7}$)

A   1525 cm^3

B   900 cm^3

C   1750 cm^3

D   891 cm^3

  Answer: D

Question 54

If the difference between simple and compound interest on a sum of money for 2 years at 5% p.a is ₹125, the sum (in ₹)is:

A   50000

B   5000

C   10000

D   1000

  Answer: A

Question 55

The radii of two cylinders A and are in the ratio of 5 : 6 and the heights are in the ratio of 7 : 4 respectively. The ratio of curved surface area of cylinder B to that of A is:

A   35 : 24

B   24 : 35

C   49 : 35

D   35 : 49

  Answer: B

Question 56

A shopkeeper purchased 120 pears for ₹15 each. However, 10 pears were rotten and thrown away. The remainingsold at ₹18 each. What will be the percentage profit?

A   20%

B   10%

C   50%

D   30%

  Answer: B

Question 57

If A : B = 2 : 3, B : C = 4 : 5 and C : D = 6 : 7, then the value of $\frac{A+B+C}{D}$ is:

A 3

B 7

C 5

D 2

 Answer: D

Question 58

If LCM of two numbers 390 and 420 is 5460, then the HCF of two numbers is:
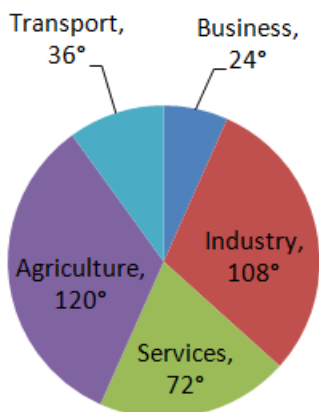
A 35

B 45

C 30

D 42

 Answer: C

Question 59

The Pie Chart shows the angular representation of five different Employment sectors. The total number of employees in these five sectors is 7,20,000.

Pie-chart

How many total employees are engaged in Agriculture, Business and Transport?

A 3,60,000

B 5,00,000

C 2,60,000

D 4,80,000

 Answer: A

Question 60

In a school there are 550 students. The ratio of the boys to that of the girls is 6 : 5. How many more girls should join the school so that the ratio becomes 5 : 6?
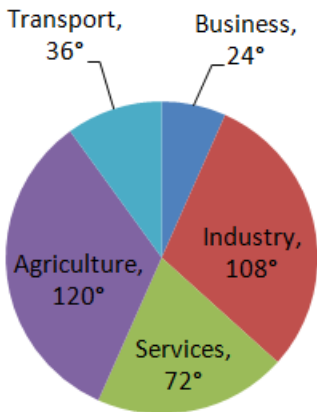
A 25

B 170

C 50

D 110

Answer: D

Question 61

The Pie Chart shows the angular representation of five different Employment sectors. The total number of employees in these five sectors is 7,20,000.

Pie-chart

How many more employees are engaged in Industry than Business?

A 360000

B 168000

C 250000

D 260000

Answer: B

Question 62

At the rate of 8% the amount invested earns a simple interest of ₹240 after 3 years. If the rate of interest been 5% more, then how much more interest would it have earned?

A ₹105

B ₹180

C ₹150

D ₹135

Answer: C

Question 63

Two pipes P and Q can fill an empty tank in 20 min and 10 min respectively. R can empty a full tank in 15 minutes. If all three pipes are opened together, how much time (in minutes) will they take to fill the tank?

A   12

B   18

C   10

D   15

  Answer: A

Question 64

The average weight of 38 students is 42 kg. It was found later that the figure of 46 kg was misread as 26 kg in one of the readings. What is the correct average? (correct to one decimal places)

A   42.5 kg

B   45.5 kg

C   39 kg

D   44 kg

  Answer: A

Question 65

$12^2 + 16 of 3 - 20 \div 4 = ?$

A   240

B   180

C   156

D   187

  Answer: D

Question 66

In an examination, there are 800 boys and 600 girls. 40% boys and 60% girls passed the examination. The percentage (correct to two decimal places) of failed students from the total students is:

A   52.34%

B   50.36%

C   51.43%

D   53.57%

  Answer: C

Question 67

Kartik's father age is four times the age of Kartik. Three years ago, Kartik's father age was seven times the age of Kartik. The present age of Kartik is:

A   12 years

B   6 years

C   9 years

D   8 years

Answer: B

Question 68

75% of 260 + 30% of 320 = ?

A   301

B   271

C   281

D   291

Answer: D

Question 69

The diagonal of a square is equal to the side of an equilateral triangle. If the area of the square is $18\sqrt{3}$ sq. cm. What is the area (in cm^2) of the equilateral triangle?

A $54\sqrt{2}$

B $27\sqrt{2}$

C 54

D 27

Answer: D

Question 70

If a student walks with speed 30% more than the usual speed, he reaches 1 5min earlier to his destination. How much time (in minutes) does he take to reach his destination normally?

A   45

B   65

C   50

D   39

Question 71

Marked price of a shirt is ₹2000. If shopkeeper declares successive discount on shirt of 10% & 25%,the selling price (in ₹) of shirt is:

A 1350

B 1250

C 1650

D 1300

Answer: A

Question 72

The marks of Eleven students in ascending order for a test are given below with Median as 36, the value of k is:
10, 12, 16, 25, 28, k + 3, k + 5, 43, 45, 47, 53.

A 36

B 37

C 35

D 33

Answer: D

Question 73

A is 1.5 times as efficient as B. A & B together complete the work in 12 days. In how many days, A alone can complete the work?

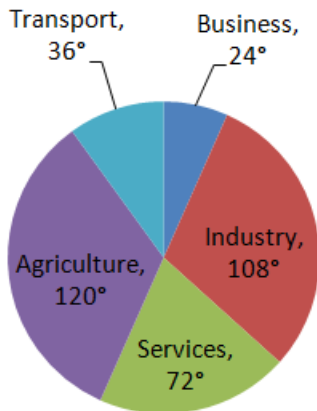**A** 20 days

B 26 days

C 24 days

D 27 days

Answer: A

Question 74

The Pie Chart shows the angular representation of five different Employment sectors. The total number of employees in these five sectors is 7,20,000.

Pie-chart

How much percent employees are in Service Sector?

A   72%

B   36%

C   20%

D   25%

   Answer: C

Question 75

The average of 21 data is 36 out of which the first 12 data are having an average of 15. The average of the rest 9 data is:

A   87

B   65

C   64

D   50

   Answer: C

General knowledge

Instructions
For the following questions answer them individually

Question 76

'Lessons Life Taught Me Unknowingly' is an autobiography of which actor?

A   Sunil Shetty

B   Amitabh Bachchan

C   Anupam Kher

D   Sanjay Dutt

   Answer: C

Question 77

Kandariya Mahadeva Temple was constructed by _____.

A   Chandelas

B   Cholas

C   Pallavas

D   Hoysalas

   Answer: A

Question 78

Which of the following chemical compound is used as a preservative in pickel?

A   Calcium Metabisulphate

B   Sodium Nitrate

C   Sodium Benzoate

D   Calcium Carbonate

   Answer: C

Question 79

Who acts as Banker to the Indian Government?

A   International Monetary Fund

B   Reserve Bank of India

C   World Bank

D   State Bank of India

   Answer: B

Question 80

Which part of the Indian Constitution enlists the Fundamental Rights?

A   Part-IV

B   Part-V

C   Part-III

D Part-II

Answer: C

Question 81

On which day does the Summer Solistice occur in Northern Hemisphere?

A 22nd December

B 21st March

C 23rd September

D 21st June

Answer: D

Question 82

Cobalamin is the scientific name of Vitamin _____.

A B1

B C

C B12

D E

Answer: C

Question 83

Which of the following acid-source pairs is correctly matched?

A Formic Acid - Tamarind

B Citric Acid - Lemon

C Acetic Acid - Ant's sting

D Lactic Acid - Vinegar

Answer: B

Question 84

Who was awarded the Skoch Chief Minister of the year award 2017?

A Chandra Babu Naidu

B Arvind kejriwal

C Mamata Banerjee

D Vasundhra Raje

Answer: C

Question 85

Which department is the nodal department for overseeing the public financial management system in Central govt of India?

A Department of Expenditure

B Department of Revenue

C Department of Financial Services

D Department of Economic Affairs

   Answer: A

Question 86

Salt is obtained from seawater by which process?

A Sedimentation

B Galvanisation

C Evaporation

D Sublimation

   Answer: C

Question 87

Moth Ki Masjid was built in the reign of _____.

A Muhammad Bin Tughlaq

B Sikandar Lodi

C Aurangzeb

D Alauddin Khalji

   Answer: B

Question 88

Har Gobind Khorana was awarded Nobel Prize in the field of _____.

A Medicine

B Literature

C Physics

D Peace

   Answer: A

Question 89

Which type of Citizenship is provided by the Constitution of India?

A   Single citizenship

B   Regional citizenship

C   Dual citizenship

D   Temporary citizenship

   Answer: A

Question 90

Charupallam, 'the village of the incline' is located near which temple?

A   Jagannath Puri

B   Tirupati Temple

C   Rajarajeshwara Temple

D   Konark Temple

   Answer: C

Question 91

The bare ground between plants is covered with a layer of organic matter like straw. It helps to retain soil moisture'. Identify the process.

A   Contour Building

B   Soil Mixing

C   Mulching

D   Contour Ploughing

   Answer: C

Question 92

Khilafat Committee was formed by Ali brothers in _____.

A   Bombay in 1919

B   Madras in 1920

C   Kolkata in 1919

D   Lucknow in 1919

   Answer: A

Question 93

In which country 2020 summer Olympic Games will be held?

A South Korea

B Japan

C China

D Brazil

Answer: B

Question 94

Indian Statutory Commission 1928 was headed by _____.

A Daniel RadCliffe

B Viceroy Lord Irwin

C Sir John Simon

D Viceroy Lord Chelmsford

Answer: C

Question 95

Who will be the beneficiaries under 'Pradhan Mantri Shram Yogi Maandhan Scheme'?

A Widows working in organised sector

B Grade-D govt employees

C People working in unorganised sector

D People working in organised sector

Answer: C

Question 96

Hind Swaraj' was written by _____.

A Dr. B.R. Ambedkar

B Jawahar Lal Nehru

C Vallabhbhai Patel

D Mohandas Karamchand Gandhi

Answer: D

Question 97

In which of the following place silk textile industry is NOT present?

A Baramula

B Mysore

C Mirzapur

D Belgaon

   Answer: C

Question 98

Which Article of the Indian Constitution provides for the establishment of uniform civil code in India?

A Article-41

B Article-42

C Article-44

D Article-43

   Answer: C

Question 99

Which of the following is the instrument used in submarines to view objects above sea level?

A Odometer

B Pyrheliometer

C Hypsometer

D Periscope

   Answer: D

Question 100

_____ hosted the first Cricket World Cup in 1975.

A South Africa

B England

C New Zealand

D Australia

   Answer: B