# SSC MTS 21st August 2019 Shift-1

## English

**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 improvement.**
**The little girl <u>fall off from</u> the terrace.**

**A**   fell from

**B**   fell under

**C**   No improvement

**D**   fell below from

  **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:**

To have food of our choice anywhere and anytime (1)_____ one of the best luxuries that anyone could (2)_____. However, each of us is different and (3)_____ our food choices too are (4)_____. With travel becoming accessible for all, tour operators work (5)_____ providing the most homely experience.

**Question 2**

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

**A**   were

**B**   has

**C**   are

**D**   is

  **Answer:** D

**Question 3**

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

**A**   offer

**B**   afford

**C**   spend

**D**   enjoy

  **Answer:** D

**Question 4**

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

**A** since

**B** hence

**C** because

**D** although

   **Answer:** B


# Question 5

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

**A** contrary

**B** alike

**C** varied

**D** similar

   **Answer:** C

# Question 6

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

**A** through

**B** from

**C** along

**D** towards

   **Answer:** D

**Instructions**
For the following questions answer them individually

**Question 7**

**Select the most appropriate synonym of the given word**
**Inclination**

**A** Repulsion

**B** Aversion

**C** Indifference

**D** Aptitude

   **Answer:** D

**Question 8**

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
The cost turned out to be higher than _____.

A   accepted

B   emancipated

C   anticipated

D   excepted

   **Answer:** C

**Question 9**

Identify the segment in the sentence which contains the grammatical error.
No sooner did I reach the station when the train left.

A   No sooner did

B   the train left

C   station when

D   I reach the

   **Answer:** C

**Question 10**

Select the most appropriate antonym of the word
Startle

A   Agitate

B   Shock

C   Amaze

D   Soothe

   **Answer:** D

**Instructions**

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.

**Question 11**

Anand Kumar is ____ unique teacher.

A   an

B   the

C   no article

D   a

**Answer:** D

## Question 12

**One must keep _____ promise.**

**A** ones

**B** the

**C** one's

**D** its

**Answer:** C

**Instructions**
For the following questions answer them individually

## Question 13

**Identify the segment in the sentence which contains the grammatical error.**
**Diksha has been in a grumpy mood from she got up.**

**A** been in a

**B** grumpy mood

**C** from she got up

**D** Diksha has

**Answer:** C

## Question 14

**Select the most appropriate meaning of the given idiom**
**Best thing since sliced bread**

**A** Most useful innovation in a long time

**B** To perform satisfactorily

**C** To take on a task that is way too big

**D** To present a counter argument

**Answer:** A

## Question 15

**Select the most appropriate option to fill in the blank and make a grammatically correct sentence.**
**Working together gave us a chance to _____ about old times.**

**A** recreate

**B** reminding

**C** reminisce

**D** reproduce

**Answer:** C

## Question 16

**Select the most appropriate word for the given group of words.**
**A critical judge of any art and craft**

**A**   Curator

**B**   Connoisseur

**C**   Crusader

**D**   Cynic

**Answer:** B

## Question 17

**Identify the segment in the sentence which contains the grammatical error.**
**Preeti is absent from the meeting due to she is out of station.**

**A**   due to she is

**B**   Preeti is absent

**C**   out of station

**D**   from the meeting

**Answer:** B

## Question 18

**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.**
**Her dance teacher <u>have come</u> twice a week but there is no improvement in her dance.**

**A**   will be coming

**B**   were coming

**C**   has been coming

**D**   No improvement

**Answer:** C

## Question 19

**Select the correctly spelt word.**

**A**   Individual

**B**   Indevidual

**C**   Indeviduel

**D** Indivisual

   **Answer:** A

## Question 20

**Select the most appropriate antonym of the word**
**Vanity**

**A**   Nobility

**B**   Honour

**C**   Conceit

**D**   Modesty

   **Answer:** D

## Question 21

**Select the most appropriate meaning of the given idiom**
**Off the cuff**

**A**   To be in a hurry

**B**   Without preparation

**C**   Without any loss

**D**   To be lazy

   **Answer:** B

## Question 22

**Select the correctly spelt word.**

**A**   Welfare

**B**   Wellfare

**C**   Welfair

**D**   Wellfair

   **Answer:** A

## Question 23

**Select the most appropriate synonym of the given word**
**Persuade**

**A**   Halt

**B**   Deplete

**C** Coax

**D** Impose

**Answer:** C

## Question 24

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.
Bhawna <u>will visited</u> the Eiffel Tower during her trip.

**A** would visiting

**B** will visiting

**C** will visit

**D** No improvement

**Answer:** C

## Question 25

Select the most appropriate word for the given group of words.
Government not connected with religious or spiritual matters

**A** Socialist

**B** Sovereign

**C** Secular
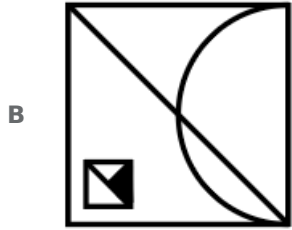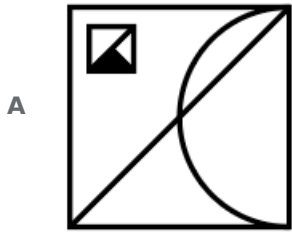
**D** Republic

**Answer:** C

# Reasoning

**Instructions**

For the following questions answer them individually

**Question 26**

If a mirror is placed on the line XY, then which of the answer figures will be the right mirror image of the given figure?
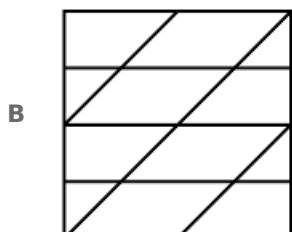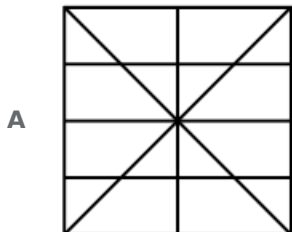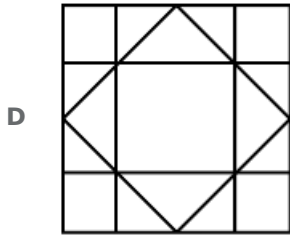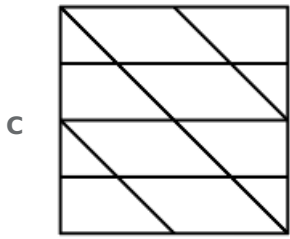
A

B

C

D
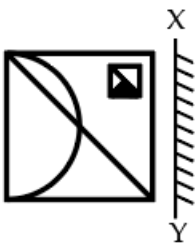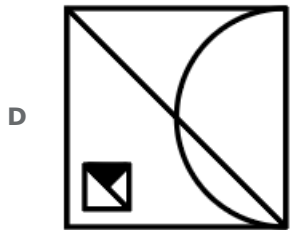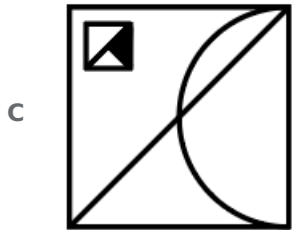
**Answer:** A

**Question 27**

Select the option in which the given figure is embedded. (Rotation is not allowed)

A

B

C



D

**Answer:** D
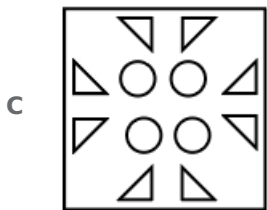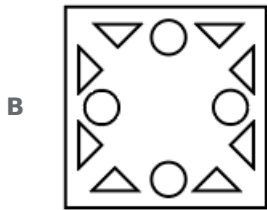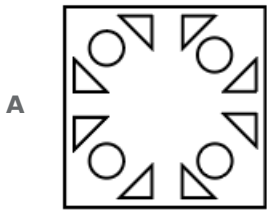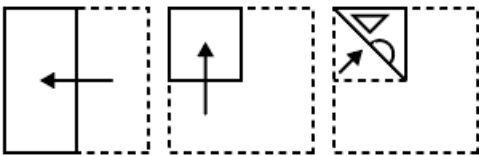
## Question 28

A piece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.





A



B



C



D
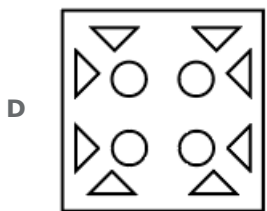
**Answer:** D

## Question 29

L, M, N, O, P and Q are sitting around a round table facing the centre. P is opposite Q, Q is to the left of L, O is not next to N, N to is opposite L. Who is to the right of M?

**A**   P

**B**   Q

**C**   N

**D**   L

   **Answer:** B

## Question 30

Select the option that is related to the third number on the same basis as the second number is related to the first number.
2.5 : 0.0025 :: 3.6 : ?

**A**   0.0036

**B**   0.00036

**C**   0.036

**D**   0.36

   **Answer:** A

## Question 31

In a certain code language, 'HISTORY' is written as ' IJTUPSZ'. What will be the code for 'ENGLISH' in that code language?

**A**   DNHMHTI

**B**   FOGMJSI

**C**   FOHMJTI

**D**   DMFKHRG

   **Answer:** C

## Question 32

In the following number series two numbers have been put within brackets. Study the series carefully and select the correct alternative with respect to the series.
5, 11, 18, (25), 35, (45), 56

**A**   Both the bracketed numbers are incorrect

**B**   The first bracketed number (from the left) is correct and the second is incorrect.

**C**   Both the bracketed numbers are correct.

**D**   The first bracketed number (from the left) is incorrect and the second is correct.

## Question 33

If O = 1 and E = 17, and OPEN = 46, then PAINTER = _____.

A   89

B   85

C   84

D   92

**Answer:** A

## Question 34

The Venn diagram given in the question represents the relationship between the items given in which of the following options?
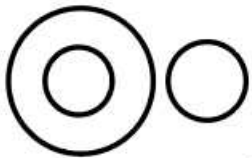


A   Tables, Chairs and Furniture

B   Earth, Planets and Jupiter

C   Games, Cricket and Tennis

D   Apples, Fruits and Vegetables

**Answer:** D

## Question 35

Find the missing number from the below options.

| 6 | 7 | 169 |
|----|----|-----|
| 8 | 3 | ? |
| 10 | 9 | 361 |

A   101

B   111

C   144

D   121

**Answer:** D

**Question 36**

Select the option that is related to the third word in the same way as the second word is related to the first word.
**Dice : Cube :: Earth : ?**

**A**   Universe

**B**   Moon

**C**   Sun

**D**   Sphere

   **Answer:** D

**Question 37**

Select the option that is related to the third word in the same way as the second word is related to the first word.
**King : Palace :: Lion : ?**

**A**   Den

**B**   Cub

**C**   Forest

**D**   Lioness

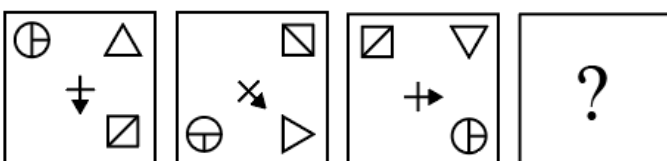   **Answer:** A

**Question 38**

In a certain code language, 'TIGER' is written as '18-7-5-3-16'. What will be the code for 'LEOPARD' in that code language?

**A**   8-3-10-12-25-16-2

**B**   10-3-13-14-25-16-2

**C**   8-3-13-12-23-14-2

**D**   10-2-12-14-25-15-2

   **Answer:** B

**Question 39**

**Which of the following answer figure will complete the series?**

**A**



**B**



**C**



**D**
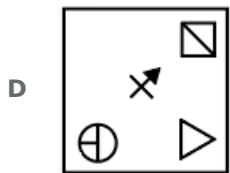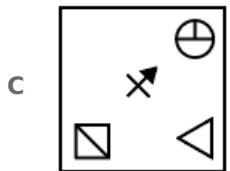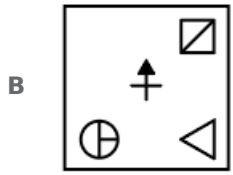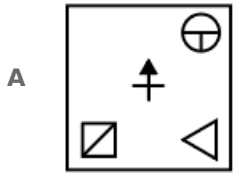


**Answer:** C

## Question 40

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement:
I. All ships are water vessels.
II. Some boats are ships.
Conclusions:
I. All boats are water vessels.
II. All water vessels are ships.

**A**   Neither conclusion I nor II follows

**B**   Both conclusions I and II follow

**C**   Only conclusion I follows.

**D**   Only conclusion II follows.

**Answer:** A

## Question 41

Which answer figure will complete the pattern in the question figure? (Rotation is not allowed)

A



B



C



D
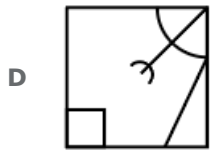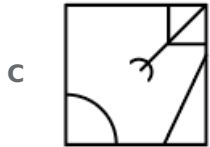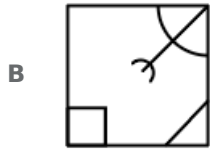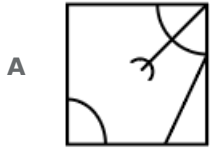
**Answer:** D

## Question 42

**Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.**
**Statement:**
**All philosophers are clever. Rakesh is a philosopher.**
**Conclusions:**
**I. Rakesh is not clever.**
**II. Rakesh is clever.**

**A**   Both conclusions I and II follow

**B**   Only conclusion II follows.

**C**   Neither conclusion I nor II follows

**D**   Only conclusion I follows.

**Answer:** B

## Question 43

**Complete the following number series:**
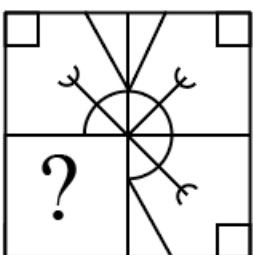**529, 441, 361, 289, ____**

**A**   220

**B**   256

**C**   235

**D**   225

**Answer:** D

## Question 44

Which two signs should be interchanged to make the below equation mathematically correct?
$60 - 4 \times 12 \div 3 + 8 = 88$

**A**  $+, \times$

**B**  $\times, \div$

**C**  $-, +$

**D**  $+, \div$

 **Answer:** A

## Question 45

Select the option that is related to the third letter in the same way as the second letter is related to the first letter.
ACE : IKM :: QSU : ?

**A**  YBD

**B**  YAB

**C**  YAC

**D**  YZB

 **Answer:** C

## Question 46

Which two numbers should be interchanged to make the below equation mathematically correct?
$144 + 108 \div 12 - 16 \times 6 = 24$

**A**  12, 6

**B**  108, 144

**C**  108, 6

**D**  12, 16

 **Answer:** B

## Question 47

Select the term that will come next in the following series.
aaCee, ggIkk, mmOqq, _____.

**A**  ssTww

**B**  ssUww

**C**  rrTww

**D**  sSuww.

## Question 48

Arrange the given words in the sequence in which they occur in the dictionary.
1. radiance
2. rainbow
3. radical
4. radiology
5. railing

A    21534

B    54231

C    13452

D    15234

**Answer:** C

## Question 49

V, W, X, Y and Z are sitting in a row facing North. W is between V and X. Y is to the left of Z, who is at one end. X sits in the centre of the row. Who is to the right of X?

A    Z

B    V

C    W

D    Y

**Answer:** D

## Question 50

In a certain code language, 'CITY' is written as ' BHSX'. What will be the code for 'CAPITAL' in that code language?

A    BZOHSZK

B    BXMHSYK

C    EAPHTZM

D    EZOJUAL

**Answer:** A

# Quant

**Instructions**
For the following questions answer them individually

**Question 51**

Two articles are bought at the same price. One is sold at 20% profit and the other is sold at 10% loss. The overall profit/loss percentage is:

A   10% profit

B   5% loss

C   10% loss

D   5% profit

   Answer: D

**Question 52**

Satyam and Shivam can do a work in 10 days and 15 days respectively. Both start the work together, after 4 days Satyam left the work. Shivam has to complete the remaining work. In how many days, doesthe total work get completed?

A   10

B   6

C   12

D   9

   Answer: D

**Question 53**

Ratio of divisor to remainder is 3 : 2 and ratio of divisor to quotient is 7: 12. If the remainder is 14, then the remainder when the dividend is divided by 9 is:

A   4

B   5

C   6

D   3

   Answer: B

**Question 54**

The value of $56 + (4)^3 - 3 \times (3)^2$ is:

A   83

B   93

C   79

D   76

   Answer: B

## Question 55

**If $a : b = 2 : 3$, then $\frac{3a+4b}{4a+5b}$ is equal to:**

**A**  20 : 23

**B**  6 : 7

**C**  19 : 23

**D**  18 : 23

   **Answer:** D

## Question 56

**Ramesh is thrice as old as Suresh. Two years hence, Ramesh will be twice as old as Suresh. Ramesh's present age (in years) is:**

**A**  4

**B**  6

**C**  2

**D**  3

   **Answer:** B

## Question 57

**Aman bought 15 articles at ₹70 each, 13 at ₹60 each and 12 at ₹65 each. The average price per article (in ₹) is:**

**A**  65.25

**B**  63.25

**C**  65.00

**D**  65.75

   **Answer:** A

## Question 58

**A and B can complete a work in 20 days and 30 days respectively. A works full time but B works half time. In how many days the entire work is to be completed?**

**A**  9 days

**B**  15 days

**C**  12 days

**D**  10 days

**Answer:** B

## Question 59

The Pie-chart given here shows the percentage of candidates selected in an Examination from 2012 to 2016.

**Total Number of selected candidates = 720**
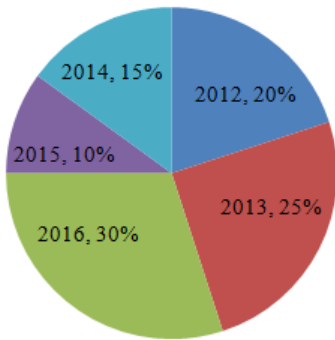


Total number of candidates selected in 2012 and 2014 together is:

**A** 250

**B** 252

**C** 144

**D** 180

**Answer:** B

## Question 60

The value of x in the given equation $(5)^2 + (6)^2 + (30)^2 = (x)^2$ is:

**A** 31

**B** 53

**C** 41

**D** 37

**Answer:** A

## Question 61

A solid brass sphere of radius 15 cm is drawn into a wire of diameter 6 mm. The length (in cm) of the wire is:

**A** 60000

**B** 55000

**C** 45000

**D** 50000

**Answer:** D

**Question 62**

The Pie-chart given here shows the percentage of candidates selected in an Examination from 2012 to 2016.

**Total Number of selected candidates = 720**
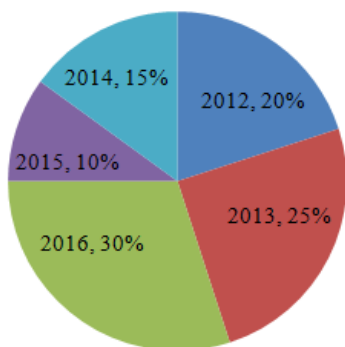


In which year, the number of selected candidates is equal to the total number of selected candidates for the year 2012 and 2015 taken together?

**A**  2016

**B**  2012

**C**  2014

**D**  2013

   **Answer:** A

**Question 63**

In how many years, an amount becomes three times of itself, if simple interest is calculated at a rate of 10% per annum?

**A**  18

**B**  20

**C**  15

**D**  25

   **Answer:** B

## Question 64

The Pie-chart given here shows the percentage of candidates selected in an Examination from 2012 to 2016.

**Total Number of selected candidates = 720**
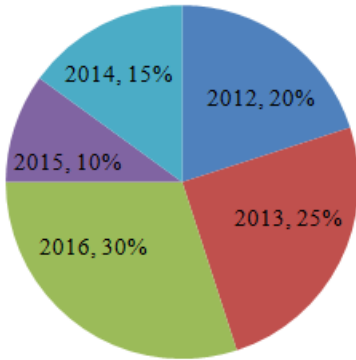


Total selected candidates in 2015 is how much percentage less than the total selected candidates in 2013?

**A**  50%

**B**  40%

**C**  45%

**D**  60%

   **Answer:** D

## Question 65

The average temperature of first three days of the week is $23°C$; the average temperature of next three days is $24°C$ and the average temperature of whole week is $23.5°C$. The temperature on the last day of the week is:

**A**  $24.5°C$

**B**  $22.5°C$

**C**  $23.5°C$

**D**  $21.5°C$

   **Answer:** C

## Question 66

A box contains 780 bananas out of which 130 bananas are rotten and rest are of good quality. The percentage (correct to two decimal places) of good quality of bananas is:

**A**  71.12%

**B**  53.33%

**C**  65.35%

**D**  83.33%

   **Answer:** D

## Question 67

A man buys a single article at ₹16. If he were to buy a dozenarticles, he would have to pay a total amountof ₹160. What would be the approximate percent discount(correctto nearest integer) he would get on buying a dozen articles?

**A**   10%

**B**   17%

**C**   12%

**D**   22%

   Answer: B

## Question 68

A train 180 m long moving at the speed of 20 m/sec passes across a boy whois movingat a speed of 10 m/sec in the direction of the train. The time (in s) taken by the train to over take the boy is:

**A**   15

**B**   36

**C**   18

**D**   12

   Answer: C

## Question 69

If Shivan walks at the rate of 19 km/h. How much time(in minutes) will he take to cover 665 m?

**A**   $2\frac{1}{10}$

**B**   $1\frac{1}{2}$

**C**   3

**D**   2

   Answer: A

## Question 70

The cost price of a camera is 90% of its selling price. The profit percentage is:

**A**   $10\%$

**B**   $12\%$

**C**   $9\frac{1}{11}\%$

**D**   $11\frac{1}{9}\%$

**Answer:** D

## Question 71

If the area of a circle is 154 square cm, then the ratio of circumferences of this circle to that of the other circle, whose radiusis 21 cm, is:

**A**   1 : 2

**B**   2 : 3

**C**   2 : 1

**D**   1 : 3

**Answer:** D

## Question 72

If ratio of two numbers is 7 : 11 and its H.C.F. is 13. Then L.C.M is:

**A**   143

**B**   234

**C**   1001

**D**   101

**Answer:** C

## Question 73

What sum will amount to ₹24494.40 in 2 years at 8 % per annum, if compound interest is compounded annually?

**A**   ₹21000

**B**   ₹21200

**C**   ₹22000

**D**   ₹22400

**Answer:** A

## Question 74

The median of the following set 2, 9, 7, 21, 43, 35, 33, 36, 58, 47 is:

**A**   34

**B**   21

**C**   23

**D**   22

**Answer:** A

**Question 75**

The side of a square is a cm. The ratio of its diagonal to its side is:

**A**  $2 : 1$

**B**  $1 : \sqrt{2}$

**C**  $\sqrt{2} : 1$

**D**  $1 : 2$

   **Answer:** C

# General knowledge

**Instructions**

For the following questions answer them individually

**Question 76**

India Women's Rugby team claimed their 1st ever international women's victory after beating _____ in the Asian Women Rugby Championship 2019.

**A**  Singapore

**B**  China

**C**  Russia

**D**  Japan

   **Answer:** A

**Question 77**

Common wealth Games 2018 was held in _____.

**A**  China

**B**  United Kingdom

**C**  Canada

**D**  Australia

   **Answer:** D

**Question 78**

Finance Minister Nirmala Sitharaman announced that New _____ is set up to look at the management of our water resources and water supply in an integrated and holistic manner while presenting 2019 Budget.

**A**  Jal Shakti Mantralaya

**B**    Har Ghar Jal Mantralaya

**C**    Har Boondh Jal Mantralaya

**D**    Jal Jeevan Mantralaya

   **Answer:** A

## Question 79

**Who was the first person to receive Nobel Prize in the field of Physics?**

**A**    Linus Pauling

**B**    Jean Henry Dunant

**C**    Wilhelm Conrad Rontgen

**D**    Wangari Maathai

   **Answer:** C

## Question 80

**Which among the following is NOT a tributary of Godavari?**

**A**    Manjira

**B**    Sarbari

**C**    Indravati

**D**    Barakar

   **Answer:** D

## Question 81

**Originated from the folk songs of ancient Punjab, _____ often depicts the plight of a lover.**

**A**    Tappa

**B**    Jugni

**C**    Jhoda

**D**    Bhangra

   **Answer:** A

## Question 82

**The Preamble of the Constitution was amended by the _____ Constitutional Amendment Act.**

**A**    $44^{th}$

**B**    $42^{nd}$

**C**    $52^{nd}$

**D** $56^{th}$

Answer: B

## Question 83

Who is considered as the Father of Indian Constitution?

**A** Bal Gangadhar Tilak

**B** Rajendra Prasad

**C** Bhim Rao Ambedkar

**D** Jawaharlal Nehru

Answer: C

## Question 84

Who among the following personalities is well known for his Bhoodan and Sarvodaya Movement?

**A** Syed Ahmed Khan

**B** Syama Prasad Mukherjee

**C** Aurobindo Ghosh

**D** Acharya Vinoba Bhave

Answer: D

## Question 85

_____ are often referred to as the amphibians of the plant kingdom.

**A** Bryophyta

**B** Phanerogamae

**C** Pteridophyta

**D** Thallophyta

Answer: A

## Question 86

Which among the following hills is known as the Blue Mountains?

**A** Khasi Hills

**B** Anaimalai Hills

**C** Cardamom Hills

**D** Nilgiri Hills

**Answer:** D

## Question 87

_____ soil is also known as Omnibus group.

**A**   Desert

**B**   Red

**C**   Black

**D**   Laterite

   **Answer:** B

## Question 88

The Portuguese explorer Vasco da Gama died in _____ in 1524

**A**   Srirangapatnam

**B**   Kochi

**C**   Mangalore

**D**   Trivandrum

   **Answer:** B

## Question 89

The Karma dance is performed during the festival of Karma Puja which is celebrated in _____ season.

**A**   autumn

**B**   winter

**C**   summer

**D**   spring

   **Answer:** A

## Question 90

The Reserve Bank was established in 1935 by the Banking Regulation Act, 1934 with a capital of ₹ _____.

**A**   2 crores

**B**   4 crores

**C**   5 crores

**D**   3 crores

   **Answer:** C

**Question 91**

**Which among the following elements has the highest density?**

**A** Hydrogen

**B** Osmium

**C** Flourine

**D** Tungsten

**Answer:** B

**Question 92**

**Which of the following statements is false about Goods and Services Tax**

**A** Goods and Services Tax would not be an expense to the retail sellers and therefore there is no hidden taxes.

**B** It ends the far reaching effect of the tax.

**C** It has no compliance cost.

**D** It resolved disputes related to the classification of goods and services.

**Answer:** C

**Question 93**

**Which among the following pollutants is a secondary pollutant?**

**A** Ozone

**B** Nitrogen Oxide

**C** Sulphur Dioxide

**D** Carbon Monoxide

**Answer:** A

**Question 94**

**Who defeated Rana Sanga in the battle of Khanwa in 1527 AD?**

**A** Jahangir

**B** Akbar

**C** Babur

**D** Humayun

**Answer:** C

**Question 95**

_____ is also known by the name of Amba Villas.

**A**   Leh Palace

**B**   Sanchi Stupa

**C**   Mysore Palace

**D**   Hawa Mahal

Answer: C

**Question 96**

When was the Representation of People Act passed?

**A**   1951

**B**   1945

**C**   1955

**D**   1949

Answer: A

**Question 97**

Which of the following is NOT a characteristic of Chordates?

**A**   Notochord absent

**B**   Central nervous system is dorsal, hollow and single

**C**   A post-anal part (tail) is present

**D**   Heart is ventral

Answer: A

**Question 98**

Name the last Hindu dynasty of Gujarat, whose rule extended from 1244 to 1304.

**A**   Gujjar Dynasty

**B**   Nanda Dynasty

**C**   Janapada Dynasty

**D**   Vaghela Dynasty

Answer: D

**Question 99**

Deficiency disease Pellagra is caused by the deficiency of which of the following?

**A**   Niacin

**B**   Vitamin B5

**C**   Riboflavin

**D**   Vitamin B2

   **Answer:** A

**Question 100**

**Name the global President and CEO of the Graduate Management Admission Council (GMAC) as on June 2019.**

**A**   Jagdish Sheth

**B**   Ram Ramesh

**C**   Viral Acharya

**D**   Sangeet Chowfla

   **Answer:** D

# SSC MTS 21st August 2019 Shift-2

## English

**Instructions**
For the following questions answer them individually

**Question 1**

**Select the correctly spelt word.**

**A**   Reverence

**B**   Revernece

**C**   Reverense

**D**   Revernce

   **Answer:** A

**Question 2**

**Select the most appropriate meaning of the given idiom.**
**Too close to call**

**A**   very close to heart

**B**   Winning a competition

**C**   A very narrow margin

**D**   Huddled together

   **Answer:** C

**Question 3**

**Select the most appropriate synonym of the given word.**
**Impious**

**A**   Irreligious

**B**   Devout

**C**   Loyal

**D**   Skilled

   **Answer:** A

**Question 4**

**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.**
**Tommy's eyes grew wide <u>on a sight of</u> the new bicycle.**

**A**   at a sight of

**B**   on the sight of

**C**   No improvement

**D**  at the sight of

**Answer:** D

## Question 5

**Select the correctly spelt word.**

**A**  Ninetteen

**B**  Ninneteen

**C**  Nineteen

**D**  Ninteen

**Answer:** C

## Question 6

**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.**
**Greyhounds do not make good watchdogs but they are <u>very gentle with</u> children.**

**A**  more gentle to

**B**  very gentler with

**C**  No improvement

**D**  much gentle with

**Answer:** C

## Question 7

**Select the most appropriate antonym of the word.**
**Glee**

**A**  Joy

**B**  Woe

**C**  Mirth

**D**  Fun

**Answer:** B

## Question 8

**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.**
**<u>It has been announcing</u> that the bus will be late by an hour.**

**A**  It has announced

**B**   No improvement

**C**   It has been announced

**D**   It is announcing

   **Answer:** C

## Question 9

**Identify the segment in the sentence which contains the grammatical error.**
**The travel agent is making the arrangements from my trips.**

**A**   is making

**B**   The travel agent

**C**   the arrangements

**D**   from my trips

   **Answer:** D

### 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:**

Bacteria are extremely (1)_____ living things. While we measure our own sizes in inches or centimetres, bacterial size is measured in (2)_____. One micron is a thousandth of a millimetre, a pinhead is about a millimetre (3)_____. Rod shaped bacteria are usually from two to four microns (4)_____, while rounded ones are generally one micron in (5)_____.

## Question 10

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

**A**   ugly

**B**   small

**C**   clean

**D**   dirty

   **Answer:** B

## Question 11

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

**A**   feet

**B**   kilometres

**C**   metres

**D**   microns

   **Answer:** D

**Question 12**

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

**A**   Aside

**B**   Beneath

**C**   Across

**D**   Beside

  **Answer:** C

**Question 13**

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

**A**   long

**B**   tall

**C**   short

**D**   deep

  **Answer:** A

**Question 14**

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

**A**   weight

**B**   height

**C**   depth

**D**   diameter

  **Answer:** D

**Instructions**
For the following questions answer them individually

**Question 15**

Select the most appropriate word to fill in the blank and make a meaningful sentence.
The diamond necklace is too _____ for me.

**A**   extravagant

**B**   austere

**C**   luscious

**D**   insufficient

  **Answer:** A

## Question 16

Select the most appropriate meaning of the given idiom.
Get someone's goat

A   To hurt someone

B   To irritate someone

C   To cheat someone

D   To abuse someone

   Answer: B

## Question 17

Select the most appropriate word for the given group of words.
One who collects stamps

A   Geologist

B   Conjurer

C   Curator

D   Philatelist

   Answer: D

## Question 18

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
There was a heated discussion _____ two members of the club.

A   of

B   among

C   between

D   in

   Answer: C

## Question 19

Select the most appropriate antonym of the word.
Attract

A   Praise

B   Lure

C   Repel

D   Charm

   Answer: C

**Question 20**

Select the most appropriate synonym of the given word.
**Prodigy**

**A** Tranquil

**B** Anger

**C** Plight

**D** Genius

   **Answer:** D

**Question 21**

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
**It was _____ honour for Seema to be selected as a teacher trainer.**

**A** a

**B** an

**C** No article

**D** the

   **Answer:** B

**Instructions**

Identify the segment in the sentence which contains the grammatical error.

**Question 22**

**Seema was sprinkled the cashews over the pie to garnish it.**

**A** Seema was sprinkled

**B** the cashews

**C** to garnish it

**D** over the pie

   **Answer:** A

**Question 23**

**Pallavi was relaxing in the beach at this time yesterday.**

**A** relaxing in the

**B** time yesterday

**C** beach at this

**D**   Pallavi was

   **Answer:** A

**Instructions**

For the following questions answer them individually

**Question 24**

**Select the most appropriate word to fill in the blank and make a meaningful sentence.**
**The ISRO team is working round the clock to _____ Chandrayaan-2.**

**A**   introduce

**B**   launch

**C**   navigate

**D**   steer

   **Answer:** B

**Question 25**

**Select the most appropriate word for the given group of words.**
**A large number of fish swimming together**

**A**   Herd

**B**   Pack

**C**   Shoal

**D**   Horde

   **Answer:** C

# Reasoning

**Instructions**

For the following questions answer them individually

**Question 26**

**Five persons are standing in one line facing North. One of the two persons at extreme end is a painter and the other is a basketball player. A lawyer is to right of a student. A dancer is to the left of the basketball player. What is the position of the lawyer from the left?**

**A**   $4^{th}$

**B**   $2^{nd}$

**C**   $3^{rd}$

**D**   $5^{th}$

   **Answer:** C

## Question 27

In a certain code language, ' FLAG' is written as 'KQFL'. What will be the code for 'TRUCK' in that code language?

A    XWAJR

B    YWZHP

C    YWAHR

D    VWXLR

   Answer: B

## Question 28

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
All ships are butterflies.
Some aeroplanes are butterflies.
Conclusions:
I. All ships are aeroplanes.
II. Some butterflies are ships.

A    Both conclusions I and II follow

B    Only conclusion II follows

C    Neither conclusion I nor II follows

D    Only conclusion I follows

   Answer: B

## Question 29

If DBFEI is coded as 33568, then the code for EFIBB is _____.

A    12358

B    41325

C    65112

D    47831

   Answer: D

## Question 30

Select the number that will replace the question mark.

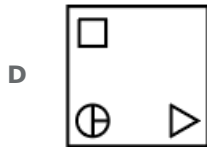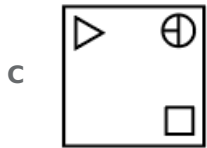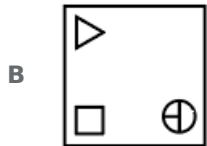| 11 | 11 | 11 |
| 27 | 9  | ?  |
| 4  | 6  | 9  |

A    5

**B**  3

**C**  9

**D**  6

  **Answer:** B

## Question 31

**Which of the following answer figures completes the series?**



**A**



**B**



**C**



**D**
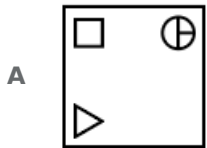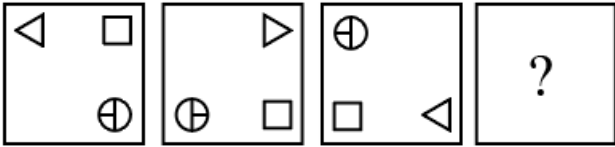


  **Answer:** A

## Question 32

**In a certain code language, 'PARROT' is written as 'RYTPQR'. What will be the code for 'BEHOLD' in that code language?**

**A**  EDTMNB

**B**  DCJMNB

**C**  EDTNOC

**D**  DESNOC

  **Answer:** B

## Question 33

Six performers Akash, Bishal, Nisha, Diksha, Esha and Firoz will perform on one day each of six days of the week starting from Monday and ending on Saturday. Nisha will perform on a Tuesday. Akash, Firoz and Bishal will perform one after the other in the same order. Diksha will not perform on a Monday or a Wednesday. How many performers perform after Akash?

**A**   2

**B**   4

**C**   3

**D**   1

  **Answer:** C

## Question 34

Choose the option which is related to the third term in the way second term is related to the first term.
Cockroaches : knifes :: Sheep : ?

**A**   foal

**B**   Calf

**C**   larva

**D**   lamb

  **Answer:** D
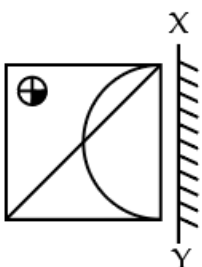
## Question 35

Which two numbers need to be interchanged to make the given equation correct?
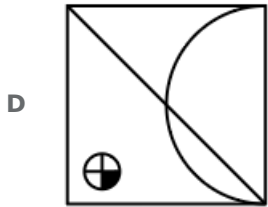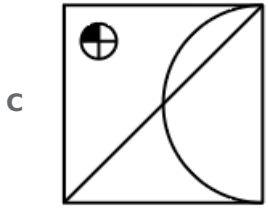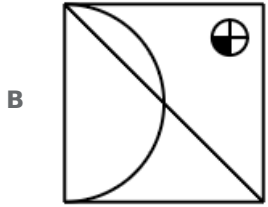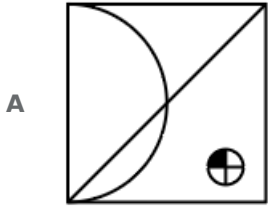$16 \times 1792 \div 7 + 9 - 15 = 778$

**A**   15, 9

**B**   16, 7

**C**   16, 15

**D**   16, 9

  **Answer:** B

## Question 36

If a mirror is placed on the line XY, then which of the answer figures will be the right mirror image of the given figure?

**A**



**B**



**C**



**D**

**Answer:** B

## Question 37

Select the option that is related to the third term in the same way as the second term is related to the first term.
Day : Night :: Dawn : ?

**A**  Sunset

**B**  Dusk

**C**  Morning

**D**  Sunrise

**Answer:** B

## Question 38

Select the option that is related to the third term in the same way as the second term is related to the first term.
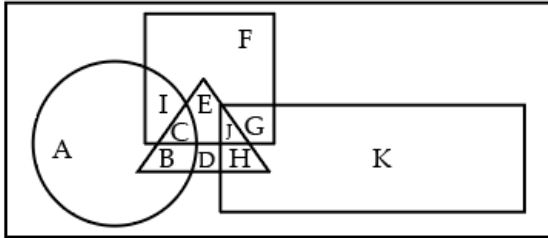52 : 65 :: 76 : ?

**A**  85

**B**  105

**C**  115

**D**  95

## Question 39

In the following figure, triangle represents teachers, square represents fathers, circle represents poets and rectangle represents Americans. Which set of letters represents 'fathers who are NOT poets'?



**A**   GEJ

**B**   ICEFGJ

**C**   EFGJ

**D**   BDGF

## Question 40

Select the option that is related to the third term in the same way as the second term is related to the first term.
**CIN : GMR :: LUV : ?**

**A**   PYZ

**B**   SZA

**C**   QXY

**D**   RZA

## Question 41

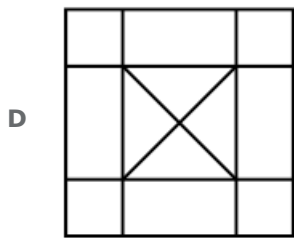Which two signs need to be interchanged to make the given equation correct?
$27 - 3 \times 2 \div 13 + 9 = 14$

**A**   $\div, +$

**B**   $\times, \div$

**C**   $-, \div$

**D**   $-, \times$

**Question 42**

Select the option in which the given figure is embedded. (Rotation is not allowed)



A



B



C



D
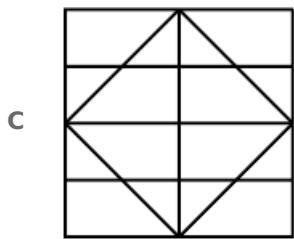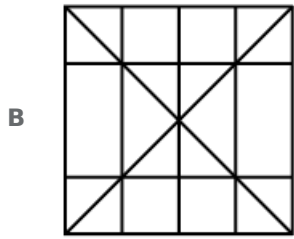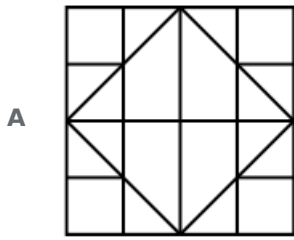


  Answer: A

**Question 43**

Select the term that will come next in the following series.
GN, MT, SZ, ____

A   XE

B   ZG

C   YF

D   WD

  Answer: C

**Question 44**

Sahiba, Trishla, Lakshya, Vanshika and Manish are sitting on a bench. Manish is immediately between Trishla and Lakshya. Lakshya is to the left of Vanshika who is not at the end. Who is to the left of Sahiba?

**A**    Trishla

**B**    Manish

**C**    Vanshika

**D**    Lakshya

    **Answer:** C

## Question 45

**Select the correct option that will complete the series.**
**7, 25, 79, 241, _____**

**A**    439

**B**    380

**C**    652

**D**    727

    **Answer:** D

## Question 46

**A piece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.**



**A**



**B**



**C**

**D**
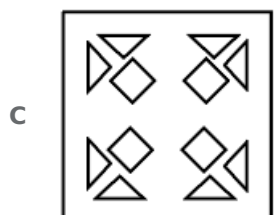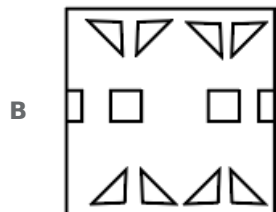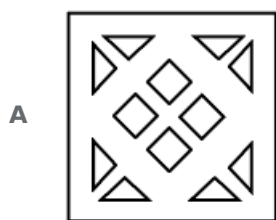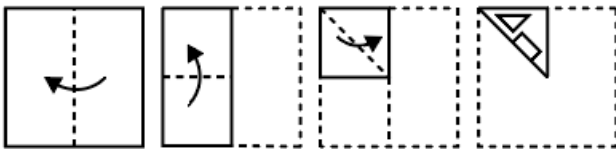
**Answer:** C

## Question 47

**Select the correct option that will complete the series.**
**8, 27, 64, 125, _____**

**A** 343

**B** 280

**C** 250

**D** 216

**Answer:** D

## Question 48

**In a certain code language, ' 98563' is written as '32896'. What will be the code for '72104' in that code language?**

**A** 15437

**B** 21362

**C** 15495

**D** 24650

**Answer:** A

## Question 49

**Which answer figure will complete the pattern in the question figure?**



**A**

**B**



**C**



**D**
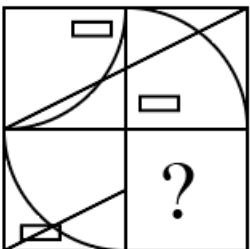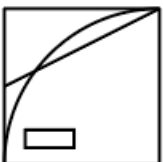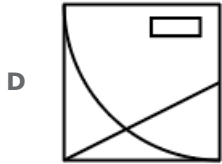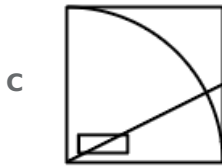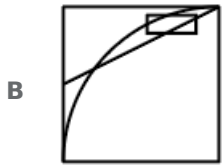
   **Answer:** B

**Question 50**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
**Statements:**
**All peacocks are swans.**
**All parrots are swans.**
**Conclusion I : Some parrots are peacocks.**
**Conclusion II : Some swans are peacocks.**
**Conclusion III : Some swans are parrots.**

**A**   All conclusions I, II and III follow

**B**   Only conclusion I and II follows

**C**   Only conclusion I and III follows

**D**   Only conclusion II and III follows

   **Answer:** D

# Quant

**Instructions**
For the following questions answer them individually

## Question 51

The Table given below shows the number of three different denomination of notes in four different bank ATMs (SBI, ICICI, HDFC and AXIS).

| Bank ATM | Number of 2000 notes | Number of 500 notes | Number of 200 notes |
|---|---|---|---|
| SBI | 250 | 300 | 150 |
| ICICI | 225 | 200 | 175 |
| HDFC | 200 | 150 | 100 |
| AXIS | 100 | 150 | 250 |

Taking all the four banks together, the total number of 200 denomination notes is how much less than the total number of 2000 denomination notes?

**A**   175

**B**   100

**C**   150

**D**   125

  Answer: B

## Question 52

A, B and C can do a workin 12, 15 and 20 days respectively. In how many days, working together they can complete the same work?

**A**   6 days

**B**   5 days

**C**   7.5 days

**D**   4 days

  Answer: B

## Question 53

If 40% of $\frac{2}{5}$ of a number is 24, then the number is:

**A**   148

**B**   150

**C**   154

**D**   136

  Answer: B

## Question 54

A man travels 75 km at speed 25 km/h and next 60 km at 20 km/h and there after travel 90 km at 15 km/h. His average speed is:

**A**   20.25 km/h

**B** 18.75 km/h

**C** 15 km/h

**D** 25.5 km/h

Answer: B

## Question 55

The radius of a circle is equal to length of the rectangle. The circumference of the circle and breadth of the rectangle is 132 cm and 20 cm respectively. The diagonal of the rectangle is:(Take $\pi = \frac{22}{7}$ )

**A** 28 cm

**B** 27 cm

**C** 29 cm

**D** 25 cm

Answer: C

## Question 56

A solid metal cuboid of 343 cm $\times$ 49 cm $\times$ 7 cm is melted and cubes of edge 7 cm are formed. The sum of surface area (in cm$^2$) of total number of cubes formed is:

**A** 10842

**B** 100842

**C** 16807

**D** 120506

Answer: B

## Question 57

The Table given below shows the number of three different denomination of notes in four different bank ATMs (SBI, ICICI, HDFC and AXIS).

| Bank ATM | Number of 2000 notes | Number of 500 notes | Number of 200 notes |
|----------|---------------------|--------------------|--------------------|
| SBI | 250 | 300 | 150 |
| ICICI | 225 | 200 | 175 |
| HDFC | 200 | 150 | 100 |
| AXIS | 100 | 150 | 250 |

In AXIS bank ATM, the amount of 500 denomination is what percent of total amount of 2000 denomination?

**A** 37.5%

**B** 35%

**C** 32.5%

**D** 42%

## Question 58

**If $a : b = 2 : 3 \ and \ b : c = 2 : 3$, then what is the value of**

$$(3a^2 + b^2 + c^2) : (a^2 + 2b^2 + c^2)?$$

**A** 169 : 165

**B** 5 : 7

**C** 165 : 169

**D** 7 : 5

**Answer:** C

## Question 59

**A man bought a bike and a car for ₹500000. He sold the bike at a gain of 20% and the car at a loss of 10%, thereby gaining 5% on whole. Thecost (in ₹) of the bikeis:**

**A** 150000

**B** 180000

**C** 200000

**D** 250000

**Answer:** D

## Question 60

**H.C.F and L.C.M of two numbers is 37 and 444 respectively. If one number is 111, the other number is:**

**A** 148

**B** 74

**C** 111

**D** 333

**Answer:** A

## Question 61

**The average number of pages of nine book is 400. If the average number of pages of the first five books is 430 and that of last five books is 380, then what is the number of pages of the fifth book?**

**A** 450

**B** 420

**C** 440

**D** 430

Answer: A

## Question 62

The length, breadth and height of a cuboid are 6 cm, 8 cm & 10 cm respectively. Its volume(in cm$^3$)is:

**A** 960

**B** 480

**C** 256

**D** 128

Answer: B

## Question 63

By paying ₹20 less of the marked price ofan article, a man gets 25% discount. The total amountthat he has paid (in ₹) is:

**A** 80

**B** 60

**C** 50

**D** 20

Answer: B

## Question 64

The approximate value of $(4488 \div 11.01 - 7.98) \div 15.99$ is:

**A** 2.5

**B** 26

**C** 2.6

**D** 25

Answer: D

## Question 65

The average marks of 30 students is 65; 36 students is 35 and 34 students is 45. The average marks forall the students is:

**A** 45.3

**B** 45.7

**C** 46.4

**D** 47.4

Answer: D

## Question 66

The value of $\sqrt{3\frac{1}{16}} + \frac{1}{2} - \frac{3}{4} =$

**A** $1\frac{3}{4}$

**B** 1

**C** $1\frac{1}{2}$

**D** $1\frac{1}{4}$

Answer: C

## Question 67

What amount will be ₹1440 in 4 years at 5% simple interest?

**A** ₹1240

**B** ₹1200

**C** ₹1080

**D** ₹1180

Answer: B

## Question 68

A retailer bought 22 kg of rice at ₹35 per kg and 13 kg of rice at ₹30 per kg. Whatprofit did he get when he mixed the two varieties together and sold it at ₹40 per kg? (correct to nearest integer)

**A** 25

**B** 21

**C** 18

**D** 20

Answer: B

## Question 69

The Table given below shows the number of three different denomination of notes in four different bank ATMs(SBI, ICICI, HDFC and AXIS).

| Bank ATM | Number of 2000 notes | Number of 500 notes | Number of 200 notes |
|---|---|---|---|
| SBI | 250 | 300 | 150 |
| ICICI | 225 | 200 | 175 |
| HDFC | 200 | 150 | 100 |
| AXIS | 100 | 150 | 250 |

What is the ratio of total amount in ICICI bank ATM in 500 denomination to the total amount in ICICI bank ATM in 200 denomination?

A  20 : 17

B  20 : 7

C  10 : 3

D  10 : 7

   Answer: B

## Question 70

Thrice of a number is 24 more than one-third of it. The number is:

A  9

B  15

C  8

D  12

   Answer: A

## Question 71

The difference between simple and compound rate of interest on a certain sum of money for 2 years at 20% rate of interest is ₹200. The amount is:

A  ₹4500

B  ₹4000

C  ₹3000

D  ₹5000

   Answer: D

## Question 72

The mode of the given data 2, 5, 5, 7, 2, 6, 8, 6, 9, 6 is:

A  7

**B**  6

**C**  5

**D**  2

    **Answer:** B

## Question 73

The ratio of the present ages of a mother and a son is 4: 1. Fourteen years from now, the ratio of their ages will be 2 : 1 The present age (in years) of mother is:

**A**  24

**B**  28

**C**  36

**D**  32

    **Answer:** B

## Question 74

A and B together are supposed to do $\frac{13}{15}$ of the work and B and C together $\frac{11}{20}$ of the work. If difference of wages of A and C is ₹7600, then the total wages of A and C is:

**A**  ₹24000

**B**  ₹56000

**C**  ₹18000

**D**  ₹36000

    **Answer:** A

## Question 75

A bus covers a distance of 10 km in 12 minutes.If its speed is decreased by 25 km/h,then the time (in minutes) taken by the bus to cover the same distanceis:

**A**  13

**B**  15

**C**  36

**D**  24

    **Answer:** D

# General knowledge

**Instructions**
For the following questions answer them individually

**Question 76**

**Mauryan Pillar Capital found at Sarnath is popularly known as _____.**

**A**   Lion Capital

**B**   Elephant Capital

**C**   Bull Capital

**D**   Horse Capital

   **Answer:** A

**Question 77**

**Which international organisation governs basketball in the world?**

**A**   RBA

**B**   NBA

**C**   FIBA

**D**   IBA

   **Answer:** C

**Question 78**

**The martial dance form of Punjab is _____.**

**A**   Dagaa

**B**   Panga

**C**   Bagaa

**D**   Lagaa

   **Answer:** C

**Question 79**

**Which of the following is a Perennial River System in India?**

**A**   Tapi

**B**   Tapho

**C**   Indus

**D**   Krishna

   **Answer:** C

## Question 80

Which mosquito carries the parasite of Malaria?

A    Female Anopheles

B    Female Aedes Aegypti

C    Male Anopheles

D    Male Aedes Aegypti

   **Answer:** A

## Question 81

11-degree channel divides which of the following group of islands?

A    Andaman and Nicobar

B    Maldives and Lakshadweep

C    Aminidive and Canannore

D    Minicoy and Lakshadweep

   **Answer:** C

## Question 82

Which Central Agency is responsible for promotion of co-operative marketing of agricultural produce to benefit the farmers?

A    FCI

B    RBI

C    SEBI

D    NAFED

   **Answer:** D

## Question 83

Kanthuri Festival is celebrated in which state of India?

A    Telangana

B    Tamil Nadu

C    Kerala

D    Karnataka

   **Answer:** B

## Question 84

In which part of excretory system of human beings is urine stored, before finally being ejected out?

**A**   Bowmans Capsule

**B**   Urethra

**C**   Urinary Bladder

**D**   Ureter

   **Answer:** C

## Question 85

In which case, Right to livelihood was established as part of Right to life under Article 21 of the Constitution?

**A**   N. Nagaraj v/s VOI Case

**B**   Olga Tellis v/s Bombay Municipal Corporation

**C**   Maneka Gandhi v/s VOI Case

**D**   Shankari Prasad Case

   **Answer:** B

## Question 86

Wings of Fire' is an autobiography of _____.

**A**   Jawaharlal Nehru

**B**   Mahatma Gandhi

**C**   Bhagat Singh

**D**   Dr. A. P. J. Abdul Kalam

   **Answer:** D

## Question 87

Name the manufacturer of the fruit-filled, friendly punch RoohAfza in India.

**A**   Nestle India

**B**   Hamdard Laboratories (India)

**C**   Dabur India

**D**   Glaxo Smithkline Pharmaceuticals Ltd

   **Answer:** B

## Question 88

The Narrow Zone of contact between land, air and water is called _____.

**A**   Hydrosphere

**B**    Biosphere

**C**    Lithosphere

**D**    Atmosphere

     Answer: B

## Question 89

**"Any body that is completely or partially submerged in a fluid (gas or liquid) at rest is acted upon by an upward or buoyant force, the magnitude of which is equal to the weight of the fluid displaced by the body." Which is this law?**

**A**    Archimedes' Principle

**B**    Boyle's Law

**C**    Charles' Law

**D**    Newton's Second Law of Motion

     Answer: A

## Question 90

**Right against exploitation is a _____.**

**A**    Fundamental Right

**B**    Legal Right

**C**    Law

**D**    Constitutional Right

     Answer: A

## Question 91

**Which chamber of human heart receives oxygen-rich blood from lungs?**

**A**    Left Atrium

**B**    Right Ventricle

**C**    Right Atrium

**D**    Left Ventricle

     Answer: A

## Question 92

**Who was the first Mughal Emperor in India?**

**A**    Humayun

**B**   Akbar

**C**   Shah Jahan

**D**   Babar

   **Answer:** D

## Question 93

**After which battle did East India Company start appointing Residents in Indian States?**

**A**   Battle of Haldighati

**B**   Battle of Plassey

**C**   Battle of Buxar

**D**   Battle of Panipat III

   **Answer:** C

## Question 94

**Who has to resign if 'NO-Confidence' Motion is passed in the Lok Sabha?**

**A**   President

**B**   Council of Minister

**C**   Speaker of Lok Sabha

**D**   Leader of Opposition

   **Answer:** B

## Question 95

**Who was honoured with the first ever Philip Kotler Presidential Award?**

**A**   Rajnath Singh

**B**   Amit Shah

**C**   Arun Jaitley

**D**   Narender Modi

   **Answer:** D

## Question 96

**Usain Bolt is associated with which sport?**

**A**   Canoe Sprint

**B**   Gymnastics

**C**   Boxing

**D**  Athletics

**Answer:** D

## Question 97

**English Education Act 1835 was based on report of which commission?**

**A**  Henry Colebrooke

**B**  Woods Despatch

**C**  Thomas Babington

**D**  Macaulay's Minute

**Answer:** D

## Question 98

**Which Central agency manages the public debt of Central and State government?**

**A**  SEBI

**B**  FICCI

**C**  RBI

**D**  IRDA

**Answer:** C

## Question 99

**"A Comparison between Women and Men" is a book written by _____.**

**A**  Jyotiba Phule

**B**  Tarabai Shinde

**C**  Begum Rokeya Sakhawat Hossain

**D**  Pandita Ramabai

**Answer:** B

## Question 100

**Image formed by Plane Mirror is always _____.**

**A**  Virtual and Erect

**B**  Real and Erect

**C**  Virtual and Inverted

**D**  Real and Inverted

**Answer:** A