SSC MTS 20th August 2019 Shift-2

English

Instructions
For the following questions answer them individually

Question 1

Identify the segment in the sentence which contains the grammatical error.
If I knew about him before I will have recommended him.

A   recommended him

B   about him before

C   I will have

D   If I knew

   Answer: C

Question 2

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.
Vivek was astonished <u>at his failure</u> in the exam.

A   in his failure

B   at his failing

C   in his failing

D   No improvement

   Answer: D

Question 3

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
People ten d to turn a blind eye _____ crime against women.

A   at

B   in

C   to

D   on

   Answer: C

Question 4

Identify the segment in the sentence which contains the grammatical error.
Jaya asked Sushmita to reminds her about the meeting.

A   Jaya asked

B   her about

C   Sushmita to reminds

D   the meeting

   Answer: C

Instructions

Select the most appropriate antonym of the word

Question 5

Fickle

A   Constant

B   Mild

C   Hasty

D   Feeble

   Answer: A

Question 6

Vile

A   Evil

B   decent

C   Horrid

D   Crafty

   Answer: B

Instructions
For the following questions answer them individually

Question 7

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.
I'll be at the parlour <u>near</u> 5 p.m.

A   till

B   along

C   No improvement

D   unless

   Answer: A

Question 8

Select the most appropriate meaning of the given idiom
Jump on the bandwagon

A To take a long ride

B To insult someone

C To trust someone blindly

D To join a popular trend

   Answer: D

Question 9

Select the most appropriate word for the given group of words.
Friendly and welcoming to visitors.

A Hostel

B Hospital

C Hospitable

D Hostile

   Answer: C

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.
Rashmi is not only smart but very beautiful.

A very beautiful

B but beautiful

C but also very beautiful

D No improvement

   Answer: C

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Comprehension:

Scarcity is not created by war; (1)_____ is a permanent characteristic of all human (2)_____ and has been faced by the whole human (3)_____. It springs from the fact that the material resources of the world are (4)_____ and that our ability to make use of those resources is even more limited (5)_____ our ignorance.

Question 11

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

A it

B these

C there

D those

   Answer: A

Question 12

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

A societies

B nations

C cities

D behaviour

   Answer: A

Question 13

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

A kingdom

B race

C space

D beings

   Answer: B

Question 14

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

A declined

B increased

C restricted

D limited

   Answer: D

Question 15

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

A of

B for

C by

D from

Answer: C

Instructions

For the following questions answer them individually

Question 16

Select the most appropriate synonym of the given word
Encumbrance

A Despair

B Stimulant

C Obstacle

D Destroy

Answer: C

Instructions

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

Question 17

Seema gave her teacher a beautiful _____ of pink roses on Teachers' Day.

A grove

B reed

C bouquet

D wreath

Answer: C

Question 18

For many, The Lion King is _____ as a childhood memory.

A treasured

B invested

C inherited

D deposited

Answer: A

Instructions

Select the correctly spelt word.

Question 19

A Nocturenal

B   Nocturnal

C   Nocturnel

D   Nocternal

   Answer: B

Question 20

A   Addres

B   Address

C   Adrress

D   Adress

   Answer: B

Instructions
For the following questions answer them individually

Question 21

Identify the segment in the sentence which contains the grammatical error.
The robbers broke in the house at night.

A   The robbers

B   the house

C   broke in

D   at night

   Answer: C

Question 22

Select the most appropriate word for the given group of words.
A gentle song sung to put a child to sleep.

A   Lyric

B   Laurel

C   Lyre

D   Lullaby

   Answer: D

Question 23

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
Simran was reading a book _____ waiting for the bus.

A   at

B   while

C   during

D   from

  Answer: B

Question 24

**Select the most appropriate meaning of the given idiom
Strike while the iron is hot**

A   To do something unimportant

B   To act at the right time

C   To wait for someone

D   To cry all the time

  Answer: B

Question 25

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

A   Lately

B   Immediately

C   Normally

D   Usually

  Answer: A

Reasoning

Instructions
For the following questions answer them individually

Question 26

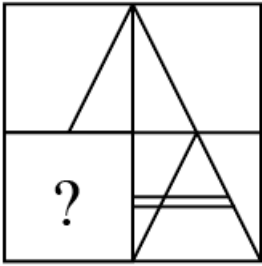**If '+' means '÷', '−' means '×', '×' means '+' and '÷' means '−', then what will be the value of**

$7 - 2 \times 14 \div 96 + 12 = ?$

A   -8

B   36

C   8

D   20

  Answer: D

Question 27

Select the correct option to complete the following pattern.

A

B

C

D
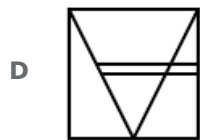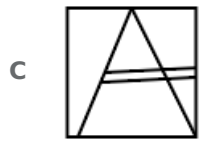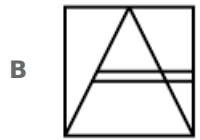
Answer: B

Question 28

Select the option that is related to the third term in the same way as the second term is related to the first term.
35 : 34 :: 76 : ?

A   42

B   80

C   62

D   85

Answer: D

Question 29

Select the option that is related to the third term in the same way as the second term is related to the first term..
SHOW : OWHS :: FOUL : ?

A UOFL

B UFOL

C ULOF

D ULFO

   Answer: C

Question 30

Select the term that will complete the following letter series.
QN, RP, TS, WW, _____, FH

A XB

B AC

C YC

D AB

   Answer: D

Question 31

The statements below are followed by two conclusions labelled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
Statement:
I. All flower s are trees.
II. All trees are fruits.
Conclusions:
I. Some fruits are flowers.
II. All flowers are fruits.

A Only conclusion II follows.

B Only conclusion I follows.

C Both conclusions I and II follow.

D Either conclusion I or II follows.

   Answer: C

Question 32

In a certain language if 'HAMMER' is coded as '8#66$*' and 'DISTRICT' is coded as '7&51*&21', then state which the correct code for below word is.
'MERCI'

A 6$*2&

B 6$*24

C 6#*21

D 6#*24

   Answer: A

Question 33

In a certain code language 'STAY' is written as '19403100'. How is 'HOUR' written in that code language?

A 8456372

B 8306072

C 8306372

D 8456478

   Answer: C

Question 34

Two statements are given, followed by two conclusions numbered I and II. 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:
A. Some drivers are racers.
B. Some racers are pilots.
Conclusions:
I. Some pilots are drivers.
II. No pilot is a driver.

A Neither conclusion I nor II follows.

B Only conclusion I follows.

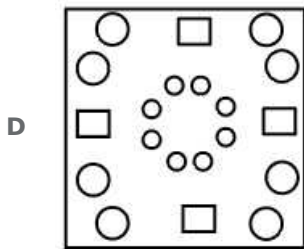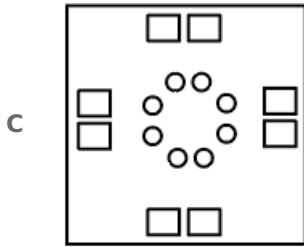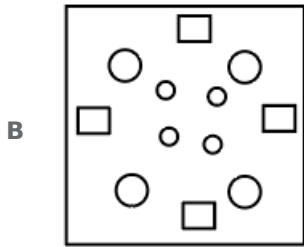**C** Only conclusion II follows.

D Either conclusion I or II follows.

   Answer: D

Question 35

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
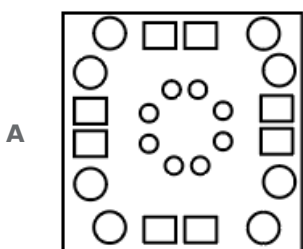
Answer: A

Question 36

If 'F' means '+', 'P' means '×', 'T' means '÷' and 'K' means '−' then
40 T 8 F 16 P 4 K 13 = ?

A   75

B   56

C   69

D   78

Answer: B

Question 37

If in a certain language if 'ADETP' is coded as 'DGHWS', and 'GVMN' is written as 'JYPQ', How is 'DTPQUV'
written in that code?

A   GSQTYX

B   GWSTXY

C   GQSTYX

D   GQRTXY

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..
Eea : aEE : : Ppb : ?

A   ppp

B   EEA

C   bPP

D   BBp

   Answer: C

Question 39

Select the correct option that will complete the series.
1, 3, 9, 31, ____, 651

A   127

B   109

C   129

D   97

   Answer: C

Question 40

A is taller than F, who is shorter than three persons. C is shorter than D, who is the tallest. B is taller than E. C is neither shorter than F nor taller than A. Who is the second shortest person among the given?

A   A

B   C

C   B

D   E

   Answer: C

Question 41

(i) K, L, M, N, O, P and Q are sitting around a circular table facing the centre.
(ii) L sits between N and O.
(iii) K is third to the left of O .
(iv) Q is second to the left of M who is to the immediate left of P.
Which of the following pairs has the first person sitting to the immediate left of the second person?
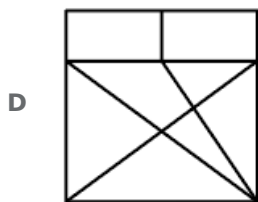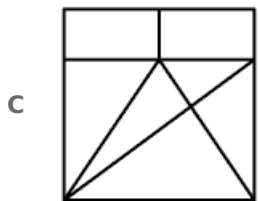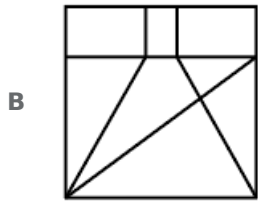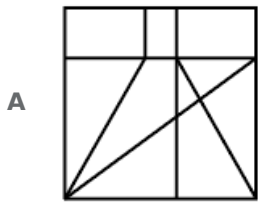
A   LN

B   QN

C   MK

D LO

Answer: A

Question 42

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

A

B

C

D

Answer: C

Question 43

P, Q, R, S, T, U are 6 persons sitting in a straight line facing north but not in the same order. There are two persons sitting between the P and T. S is to the immediate right of P. R is at the extreme right. Q is second to the left of P .U is sitting between Q & P. Who is sitting at the left end?
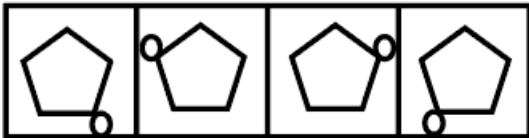
A   P

B   Q

C   S

D   T

Answer: D

Question 44

Select the set in which the numbers are related in the same way as are the numbers of the following set.

(4, 9, 37)
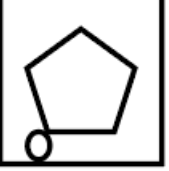
A (5, 12, 46)

B (7, 15, 62)

C (6, 13, 51)

D (9, 19, 77)

Answer: D

Question 45

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

A

B

C

D

Answer: D

Question 46

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

A

B

C

D
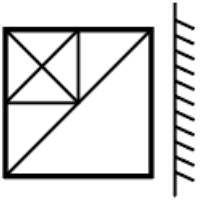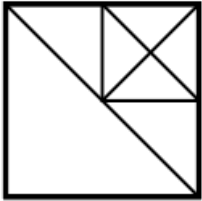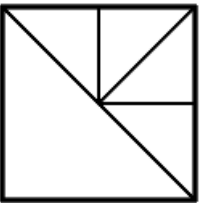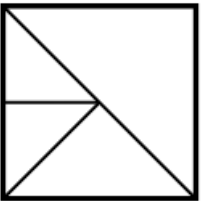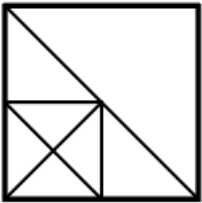
Answer: A

Question 47

'Cattle' is related to 'Herd' in the same way as 'Player' is related to _____.

A Tournament

B Gang

C Medal

D Team

Answer: D

Question 48

Select the Venn diagram that best represents the given set of classes.
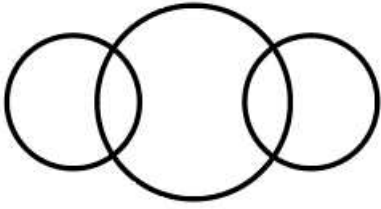
A   Boy, Girl, Groom

B   Man, Teacher, Tool

C   Water, Salt, Soda

D   Principal, Man, Woman

  Answer: D

Question 49

If A = 1 and ANT = 105 then ASK = ?

A   93

B   91

C   96

D   99

  Answer: A

Question 50

Select the number that can replace the question mark (?) in the following series.
4, 2, 2, 3, 6, ?

A   3

B   12

C   15

D   6

  Answer: C

Quant

Instructions
For the following questions answer them individually

Question 51

The following table shows the weight of 20 students:

Weight (in kg)	48	51	60	53	56
No.of Students	6	3	2	4	5

The mode and median of the above data are, respectively:

A 51 and 48

B 53 and 56

C 60 and 53

D 48 and 53

Answer: D

Question 52

The marked price of an article is ₹x. After allowing a discount of 20% on the marked price, a shopkeeper gains ₹40. If his profit is $11\frac{1}{9}\%$, then the value of x is:

A 500

B 400

C 450

D 360

Answer: A

Question 53

A person divided a certain sum among his three sonsin the ratio 2 : 3 : 8. If he had instead divided it in the ratio $\frac{1}{2} : \frac{1}{3} : \frac{1}{8}$, the son who got the least share would have received ₹2200 more. The sum (in ₹) was:

A 5980

B 6578

C 5940

D 6556

Answer: A

Question 54

Pipes A and B can empty a full tank in 8 and 12 hours, respectively. C is a filling pipe. All the three pipes were opened together at the same time and one-sixth of the tank got emptied in one hour. C alone can fill the tank in:

A 30 hours

B 25 hours

Question 55

The following table presents the number of units of a product produced and sold by a company during six years.

Years	No.of units (in thousands)	
	Produced	Sold
2012	320	220
2013	338	328
2014	432	380
2015	256	242
2016	504	470
2017	680	630

What is the ratio of the total number of units of the product sold in 2013 and 2015 to that produced in 2015 and 2016?

A 29 : 38

B 7 : 9

C 3 : 4

D 14 : 19

   Answer: C

Question 56

When 5, 6, 8, 9 and 12 divide the least numberx, the remaindereach caseis 1, but x is divisible by 13. What will be the remainder when x is divided by 31?

A 0

B 1

C 3

D 5

   Answer: D

Question 57

The value of $4 \times 2 + 4 \, of \, (4 + 4 \div 4 \, of \, 4) - (4 \div 4 \, of \, 2 \times 4)$ **is:**

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

B $6\frac{1}{2}$

C -1

D $-\frac{26}{17}$

Answer: D

Question 58

A certain sum invested at compound interest, amounts to ₹19965 at 10% p.a. in 3 years. The same sum will amount to ₹x at the same rate in $2\frac{2}{5}$ years. If the interest is compounded yearly in both the cases, what is the value of x ?

A 18855

B 18867

C 18876

D 18768

Answer: C

Question 59

A, B, and C can do a piece of work in 36 days, 54 days and 108 days, respectively. They started the work together but A left 9 days after the start of the work and left 3 days before the work was completed. For how many days did C work?

A 30

B 33

C 31

D 29

Answer: D

Question 60

A cube of maximum possible volume is removed from a solid wooden sphere of radius 6 cm. The side of the cube is:

A $3\sqrt{3}$ cm

B $2\sqrt{3}$ cm

C $6\sqrt{3}$ cm

D $4\sqrt{3}$ cm

Answer: D

Question 61

Out of 90 students in a class, 60% are girls and rest are boys. The average score in English of boys is 30% more than that of girls. If the average score in English ofall the studentsis 56, then whatis the samefor the girls?

A 48

B 62

C 50

D 65

  Answer: C

Question 62

The average of 21 numbers is 44. The average of first 11 numbers is 48 and that of last 11 numbers is 42. If 11th number is excluded, What is the average of the remaining numbers?

A 43.5

B 42

C 43

D 42.9

  Answer: D

Question 63

A trader presently earns 17% profit by selling an article. If he increases the price ofthe article by ₹33.60, his gain percent increases to 29%. What is the costprice of article?

A ₹240

B ₹320

C ₹300

D ₹280

  Answer: D

Question 64

The length of a rectangle is 6 cm more than its breadth andits perimeter is 100 cm.If the area of the rectangle is very nearly equal to the area of a circle, then whatis the circumference of the circle?(Take $\pi = \frac{22}{7}$)

A 110 cm

B 88 cm

C 132 cm

D 66 cm

  Answer: B

Question 65

The value of

$$\frac{1}{4} \times \frac{3}{4} \div 1\frac{1}{4} \ of \ \frac{2}{5} - \left[\frac{1}{6} \div \left\{\frac{3}{7} \ of \ \frac{14}{5} \times 1\frac{2}{3} - \left(3\frac{1}{2} - 2\frac{1}{6}\right)\right\}\right] \ \text{is:}$$

A $\frac{2}{3}$

B $\frac{3}{8}$

C $\frac{1}{3}$

D $\frac{1}{8}$

Answer: D

Question 66

The following table presents the number of units of a product produced and sold by a company during six years.

Years	No.of units (in thousands)	
	Produced	Sold
2012	320	220
2013	338	328
2014	432	380
2015	256	242
2016	504	470
2017	680	630

The number of units of the product sold in 2016 is approximately what percent more than the average production of the units in 2012 to 2016?

A 21

B 27

C 24

D 32

Answer: B

Question 67

Sonu decided to donate 12% of her monthly incometo a charitable trust. On the day of donation, she changed her decision and donates a sum of ₹2160 which is equal to 125% of what she decidedto donateearlier. Her monthly income is:

A ₹12800

B ₹11200

C ₹9600

D ₹14400

Answer: D

Question 68

The monthly incomes of Abhinav and Rekhaare in the ratio 6:5 and their monthly expenditures are in the ratio 9:8. If the income of Abhinavis twice the expenditure of Rekha, then the ratio of savings ofAbhinav and Rekha is:

A 3 : 2

B 23 : 18

C 5 : 3

D 21 : 16

Answer: D

Question 69

The following table presents the number of units of a product produced and sold by a company during six years.

Years	No.of units (in thousands)	
	Produced	Sold
2012	320	220
2013	338	328
2014	432	380
2015	256	242
2016	504	470
2017	680	630

In which year, the production of units of the product is approximately 31.4% less than the sale of units in 2017?

A 2012

B 2016

C 2014

D 2013

Answer: C

Question 70

A certain sum is lent at x% p.a. simple interest for $\frac{x}{3}$ years. The simple interest on the sum is equal to one-third of the sum. The value of x is:

A 12

B 10

C 6

D 9

Answer: B

Question 71

A person loses 20% when he sells an article for ₹230. What percentage will he gain,if he sells it for ₹339.25?

A   12

B   18

C   15

D   20

   Answer: B

Question 72

The total surface area of a solid cylinder is 1155 cm^2. Its curved surface area is two-fifth ofits total surface area. What is the height(in cm) of the cylinder?(Take $\pi = \frac{22}{7}$)

A   10.5

B   6

C   5

D   7

   Answer: D

Question 73

Twice the speed of A is equal to thrice the speed of B.To travela certain distance, A takes 42 minutes less than B to travel the same distance. Whatis the time (in minutes) taken by B totravel the same distance?

A   126

B   135

C   120

D   96

   Answer: A

Question 74

If $(2x - y) : (5x + 3y) = 3 : 8$**, then** $(x^2 + y^2) : (x^2 - y^2) =$

A   145 : 144

B   257 : 255

C   133 : 122

D   144 : 143

   Answer: A

Question 75

Two trains cross each other in 12 seconds, when they travel in opposite directions and they take 60 seconds when they travel in the same direction. The possible speeds of the trains, (in m/sec). can be:

A 15, 45

B 20, 30

C 18, 40

D 15, 30

  Answer: B

General knowledge

Instructions
For the following questions answer them individually

Question 76

Which among the following is Sri Lanka's highest peak?

A Namunukula

B Mihinthale

C Pidurutalagala

D Ritigala

  Answer: C

Question 77

The Noida-based grocery delivery platform 'Veggie India' has been acquired by another grocery delivery firm. Name the acquiring firm.

A Big Basket

B Godrej Nature's Basket

C Milkbasket

D Grofers

  Answer: C

Question 78

_____ is considered as the oldest discovered Indus Valley Civilization site.

A Mohenjo-daro

B Allahdino

C   Bhirrana

D   Rakhigarhi

   Answer: C

Question 79

Car moving on a straight road is an example of _____ motion.

A   rectilinear

B   curvilinear

C   random

D   periodic

   Answer: A

Question 80

Which among the following is NOT an example of Bryophyta?

A   Funaria

B   Riccia

C   Marchantia

D   Chara

   Answer: D

Question 81

Who built the magnificent cave temples 'Ratha' in Mahabalipuram?

A   Maharana Pratap Singh

B   Akbar

C   Narsimha

D   Ashoka

   Answer: C

Question 82

When was the Environment Protection Act passed?

A   1982

B   1972

C   1986

D   1992

Answer: C

Question 83

Which among the following is NOT a characteristic of Physisorption?

A   It forms multi-molecular layers.

B   It usually takes place at a low temperature.

C   It does not require any activation energy.

D   It is irreversible.

Answer: D

Question 84

The financial resources of an economy cannot be mobilised by _____.

A   Inflation

B   Taxation

C   Private Savings

D   Public Savings

Answer: A

Question 85

Which amendment made the provision for free and compulsory education between 6 to 14 years of age?

A 52nd

B 91st

C 74th

D 86th

Answer: D

Question 86

When was the first Home Rule League started by Bal Gangadhar Tilak?

A   1920

B   1912

C   1922

D   1916

Answer: D

Question 87

A Golden Slam is winning _____ Grand Slam tournaments as well as the Olympics Gold Medal.

A   four

B   three

C   two

D   five

   Answer: A

Question 88

How many articles were there in the original Constitution of India?

A   440

B   310

C   395

D   442

   Answer: C

Question 89

Which among the following music is NOT associated with Uttar Pradesh?

A   Kajari

B   Tappa

C   Birha

D   Rasiya

   Answer: B

Question 90

Captain Hawkins and Sir Thomas Roe visited India during the reign of _____.

A   Humayun

B   Babur

C   Akbar

D   Jahangir

   Answer: D

Question 91

Who is the only Indian Air Force officer to be awarded with Param Vir Chakra?

A   Nirmal Jit Singh Sekhon

B   Yogendra Singh Yadav

C   Karam Singh

D   Somnath Singh

   Answer: A

Question 92

Laterite soil is rich in Iron and _____.

A   Nitrogen

B   Potassium

C   Lime

D   Aluminium

   Answer: D

Question 93

What is the ancient name of the river Kosi?

A   Kubha

B   Kausiki

C   Kanhapenna

D   Karnali

   Answer: B

Question 94

Who received the Sportsman of the Year award in the Laureus World Sports Awards 2019?

A   Novak Djokovic

B   Chloe Kim

C   Tiger Woods

D   Naomi Osaka

   Answer: A

Question 95

The mouth of Mollusca contains a file-like rasping organ for feeding which is called _____.

A   radula

B   chitinous

C   parapodia

D   coelomate

Answer: A

Question 96

Nirmala Sitharaman announced that National Sports Education Board for development of sportspersons to be set up under _____ while presenting the Budget of 2019.

A   Khelo aur Padho

B   Khelo India

C   Khelo aur Badho

D   Khel India Khel

Answer: B

Question 97

'Unbreakable' is the autobiography of _____.

A   Mary Kom

B   Sania Mirza

C   Wasim Akram

D   Chris Gayle

Answer: A

Question 98

In which of the following dance forms women imitate parrots as part of the performance ?

A   Suwa

B   Bhagoria

C   Jawara

D   Tertali

Answer: A

Question 99

What is the real name of Sister Nivedita?

A   Madeleine Slade

B   Margaret Elizabeth Noble

C   Agnes Gonxha Bojaxhiu

D   Aileen Mathew

   Answer: B

Question 100

When was the Citizenship Act passed?

A   1952

B   1960

C   1955

D   1965

   Answer: C