

**NBE
Jr. Asst.**

**Previous Year Paper
2015**

200 Questions

Que. 1 Which is the correct image if the picture is held in front of a mirror?



A)



B)



C)



D)

1. A
2. B
3. C
4. D

Correct Option - 4

Que. 2 Select the word which cannot be formed using the letters of the given word.

CHARACTER

1. CRATE
2. CHARTER
3. HEARTY
4. TRACER

Correct Option - 3

Que. 3 Select the word which cannot be formed using the letters of the given word.

ADMINISTRATION

1. Station
2. Minister
3. Ration
4. Mind

Que. 4 | Select the related words / letters/ number from the given alternatives
DHLPTX : BFJNRV :: CGKOSW : ?

1. IJKLMN
2. AIOMUQ
3. AEIMQU
4. UMQEIA

Correct Option - 3

Que. 5 | Select the related words / letters/ number from the given alternatives
Hive : bee :: eyrie : ?

1. Parrot
2. Eagle
3. Sparrow
4. Pigeon

Correct Option - 2

Que. 6 | Select the related words / letters/ number from the given alternatives
STAR : RATS :: WARD : ?

1. DRAW
2. SHINE
3. MICE
4. FAME

Correct Option - 1

Que. 7 | Select the related words / letters/ number from the given alternatives
DCBA : WXYZ :: IJKL : ?

1. RQPO
2. PONM
3. QPON
4. SRQP

Correct Option - 1

Que. 8 | Select the related words / letters/ number from the given alternatives
9 : 24 :: ? : 6

4. 1

Correct Option - 2

Que. 9 One or two statements is given followed by two conclusions I and II You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statement indicate your answer:

Statements: Cactus plants are fleshy but need least water

Conclusions:

I : All fleshy plants are cactus

II : Cactus plants need least water

1. Both I and II follows.
2. Neither I nor II follow.
3. Only II follows.
4. Only I follows.

Correct Option - 3

Que. 10 One or two statements is given followed by two conclusions I and II You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statement indicate your answer:

Statements:

(a) Some schools are Laboratories

(b) All Laboratories are theatres

Conclusions:

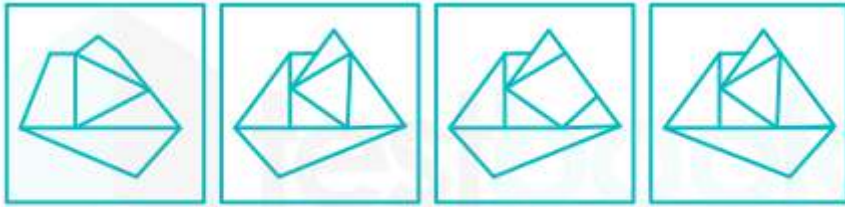
(I) : Some theatres are schools

(II) : No school is a theatre

1. Neither Conclusion I nor II follow.
2. Conclusion I follows.
3. Both Conclusion I and II follows.
4. Conclusion II follows.

Correct Option - 2

Que. 11 If a mirror is placed on the line MN, then which of the answer figures is right image of the given figure.



A)

B)

C)

D)

1. A
2. B
3. C
4. D

Correct Option - 2

Que. 12 How many faces can you count in this 3 dimensional model?



1. 18
2. 14
3. 16
4. 12

Correct Option - 2

Que. 13 **Directions:** find the odd number/letters/number pair from the given alternatives

Find the odd number pair from the given alternatives

1. (5,7)
2. (29,31)
3. (47,49)
4. (11,13)

Que. 14

1. mmm qq q ttt
2. bbb ff fjj
3. ccc gg gkk
4. kkk oo o ss

Correct Option - 1

Que. 15 Find the odd letter pair from the given alternatives

1. HIUL
2. QIEM
3. ZOIV
4. TEAP

Correct Option - 1

Que. 16 Find the odd number from the given alternatives

1. 9100
2. 8110
3. 1234
4. 1189

Correct Option - 4

Que. 17 Find the odd one from the given alternatives

1. Marigold
2. Tulip
3. Rose
4. Lotus

Correct Option - 4

Que. 18 Find the odd one from the given alternatives

1. Brass
2. Steel
3. Tin
4. Bronze

Correct Option - 3



A)



B)



C)

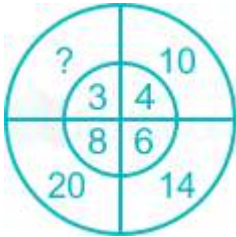


D)

1. A
2. B
3. C
4. D

Correct Option - 3

Que. 20 Select the missing number from the given responses.



1. 24
2. 19
3. 18
4. 12

Correct Option - 2

Que. 21 Select the missing number from the given responses

9	6	?
8	5	6
$\frac{7}{65}$	$\frac{4}{26}$	$\frac{3}{39}$

1. 10
2. 7

Correct Option - 2

Que. 22 Select the missing number from the given responses

	8			12			14	
6	54	7	8	51	4	9	?	5
	4			7			9	

- 1. 71
- 2. 78
- 3. 53
- 4. 68

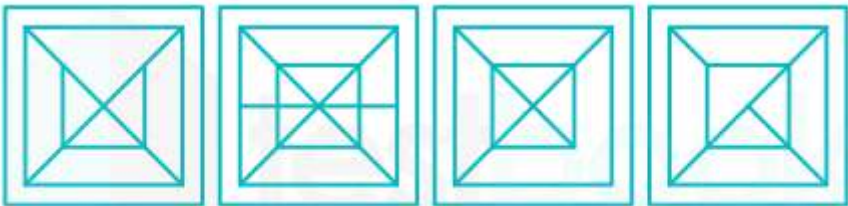
Correct Option - 4

Que. 23 Change symbol and solve accordingly to find correct answer from the alternatives given below:
 $9 \times 8 \times 7 = 24, 4 \times 7 \times 3 = 14, 2 \times 1 \times 9 = ?$

- 1. 12
- 2. 11
- 3. 10
- 4. 18

Correct Option - 1

Que. 24 From the given answer figures, select the one in which the question figure is hidden/embedded.



A)

B)

C)

D)

- 1. A
- 2. B

Que. 25 Arrange the following according to dictionary

1. Fenestration

2. Feather

3. Feed head

4. Feature

5. Feminine

1. 2, 4, 3, 5, 1

2. 4, 2, 3, 1, 5

3. 2, 4, 1, 5, 3

4. 4, 2, 3, 5, 1

Correct Option - 1

Que. 26 Which one set of letters when sequentially placed at the gaps in the given letters series that complete it?

LU_TUPLUBTU_LUBT_P_UBTUP

1. BPUL

2. BUPL

3. LBPU

4. PBUL

Correct Option - 1

Que. 27 Which one set of letters when sequentially placed at the gaps in the given letters series that complete it?

B_CCABB_CABBC_AB_CCA

1. BCBC

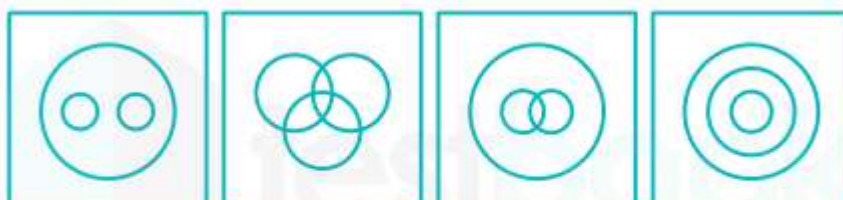
2. BBBC

3. BCCB

4. BBCC

Correct Option - 3

Que. 28 Which of the following states the relationship between Sociology, Psychology and Humanities?



1. A
2. B
3. C
4. D

Correct Option - 1

Que. 29 Which answer figure will complete the pattern in the question figure?



1. A
2. B
3. C
4. D

Correct Option - 1

Que. 30 Which answer figure will complete the pattern in the question figure?



1. A

Correct Option - 4

Que. 31 From her home facing south west, Kavita walks 15 m and turns northward and walks 12 m. How far was she from her home, which was her starting point?

1. 12 m
2. 9 m
3. 10 m
4. 15 m

Correct Option - 2

Que. 32 Two horses A and B run at a speed of 3 : 2 ratio in the first lap, during the second lap the ratio differs by 4 : 7, during the third lap the ration differs by 8 : 9. What is the difference in ratio of speed altogether between the two horses.

1. 1
2. 2
3. 4
4. 3

Correct Option - 4

Que. 33 Keeping her back towards the rising sun, Reshma starts walking. After a few minutes she turn left and keeps on walking. Then a little later she turns right and then left. In which direction is she going at the moment?

1. West or North
2. East or South
3. North or South
4. South or West

Correct Option - 4

Que. 34 A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column. E.g. 'M' can be represented first by 01,42, etc. and 'A' can be represented by 66,87, etc. Similarly, you have to identify the set for the word L A N E

Matrix – 1					
	0	1	2	3	4
0	Z	M	S	R	C

4	B	D	M	R	J
---	---	---	---	---	---

Matrix -2					
	5	6	7	8	9
5	X	K	T	E	S
6	Q	A	U	Y	P
7	U	V	O	W	E
8	T	Y	A	E	U
9	X	O	E	V	A

1. 11, 67, 32, 97
2. 11, 66, 33, 96
3. 11, 66, 33, 97
4. 31, 87, 32, 97

Correct Option - 4

Que. 35

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column. E.g. ‘E’ can be represented first by 01, 13, etc. and ‘L’ can be represented by 85,77, etc. Similarly, you have to identify the set for the word A I R S

Matrix -1					
	0	1	2	3	4
0	A	E	M	N	P
1	N	P	A	E	M
2	E	M	N	P	A
3	P	A	E	M	N
4	M	N	P	A	E

Matrix -2					
	5	6	7	8	9
5	I	L	R	S	T
6	R	S	T	I	L
7	T	I	L	R	S
8	L	R	S	T	I
9	S	T	I	L	R

4. 43, 55, 86, 95

Correct Option - 4

Que. 36 If a represents $\div$, b represents $+$, c represents $-$, and d represents $\times$ then $24a\ 6d\ 4b\ 9c\ 8 = ?$

1. 19
2. 17
3. 20
4. 6

Correct Option - 2

Que. 37 Choose the correct alternative from the given ones that will complete the series.
24, 35, 20, 31, 16, 27, __, __

1. 6, 25
2. 9, 9
3. 12, 23
4. 5, 30

Correct Option - 3

Que. 38 Choose the correct alternative from the given ones that will complete the series.
 $7\frac{1}{7}$, $8\frac{2}{6}$, $9\frac{5}{5}$, $12\frac{2}{4}$, $16\frac{2}{3}$, _____

1. 35
2. $\frac{50}{2}$
3. $15\frac{2}{4}$
4. $16\frac{4}{4}$

Correct Option - 2

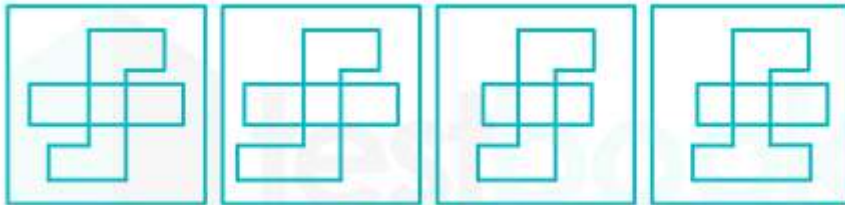
Que. 39 Which one of the given responses would be a meaningful order to the following?
1) Rivulet

- 2) Ocean
- 3) Tributary
- 4) River
- 5) Sea
- 6) Rain

1. 5 6 1 3 2 4

Correct Option - 3

Que. 40 Select the answer figure which is the same as question figure.



A)

B)

C)

D)

1. A
2. B
3. C
4. D

Correct Option - 1

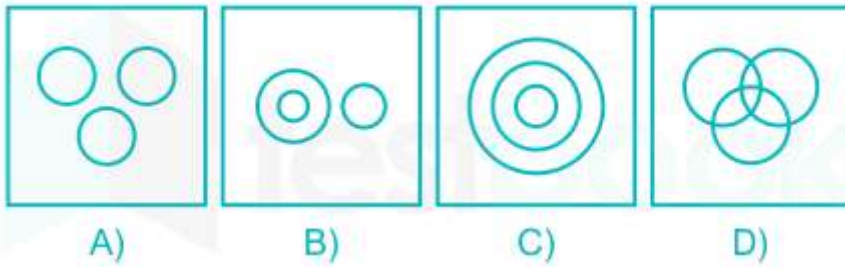
Que. 41 How many triangles are there in the following figure?



1. 7
2. 11
3. 8
4. 9

Correct Option - 3

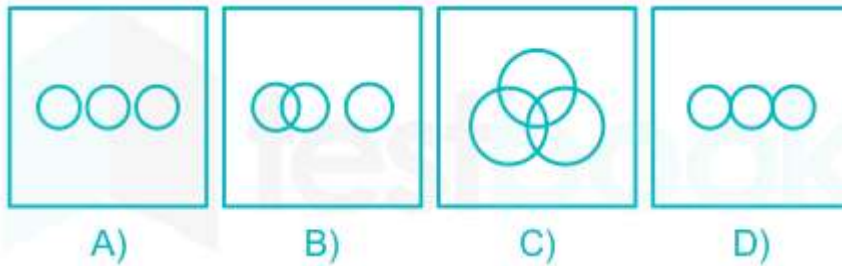
Que. 42 Which Venn diagram truly represents Teachers, Scholars and students?



1. A
2. B
3. C
4. D

Correct Option - 4

Que. 43 Which figure best represents the relationship between Editor, Newspaper and Journalist?



1. A
2. B
3. C
4. D

Correct Option - 4

Que. 44 If GOODNESS is coded as HNPCODTR, how GREATNESS can be written in that code?

1. HQFZSMFRT
2. HQFZUFRTM
3. HQFZUOOTR
4. HQFZUMFRT

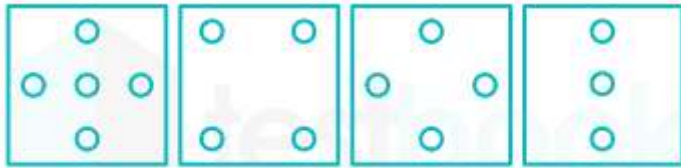
Correct Option - 4

Que. 45 A man climbing up a wall of 24 meters high. He climbs 16 m on one day but slipped back by 3m 40cms in the evening. How far had the man reached on that day?

1. 12 m 40 cms

Correct Option - 2

Que. 46 A piece of paper is folded and out as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.



A)

B)

C)

D)

1. A
2. B
3. C
4. D

Correct Option - 3

Que. 47 In a language FIFTY is written as CACTY, CAR as POL, TAR as TOL, how can TARIFF be written in that language?

1. TOEFDD
2. TOEFEL
3. TOLADD
4. TOLACC

Correct Option - 4

Que. 48 Some equations are solved on the basis of certain system. Find out the correct answer for the unsolved equation on that basis.

$$7 \times 6 \times 4 = 674, 8 \times 5 \times 3 = 583, 9 \times 1 \times 2 = ?$$

1. 727
2. 292
3. 462
4. 192

Correct Option - 4

(31, 19, 41)

1. (29, 17, 37)
2. (23, 33, 61)
3. (27, 29, 47)
4. (16, 27, 11)

Correct Option - 1

Que. 50 Two persons A and B get the same salary. Their Basic pay are different. The allowances are 65% and 80% of the basic pay respectively. What is the ratio of the basic pay?

1. 7 : 5
2. 12 : 11
3. 11 : 10
4. 17 : 15

Correct Option - 2

Que. 51 Who among the following Mughal rulers banned music and dancing?

1. Babar
2. Aurangzeb
3. Humayun
4. Jehangir

Correct Option - 2

Que. 52 To whom the President has to submit his resignation?

1. Vice President
2. Speaker
3. Prime Minister
4. Chief Justice

Correct Option - 1

Que. 53 Government of India has decided to Integrate _____ with recent launched Pradhan Mantri Krishi Sinchayee Yojana

1. Haryali
2. Accelerated Irrigation Benefit Programme
3. National Rural Livelihood Mission
4. Mahatma Gandhi National Rural Employment Guarantee Act.

Que. 54 The equilibrium price of a commodity will definitely rise if there is a/an

1. increases in demand accompanied by a decrease in supply
2. Increase in both demand and supply
3. decrease in both demand and supply
4. Increase in supply combined with a decrease in demand

Correct Option - 1

Que. 55 What does the word 'amphibian' means?

1. One life
2. Three lives
3. Four lives
4. Two lives

Correct Option - 4

Que. 56 If the Union Parliament is to assume legislative power over and subject included in the State List the resolution to the effect has to be passed by which of the following?

1. Rajya Sabha
2. Both Lok Sabha and Rajya Sabha
3. Lok Sabha
4. Lok Sabha, Rajya Sabha and legislatures of the concerned States.

Correct Option - 1

Que. 57 Which of the following is the major copper producing country?

1. Indonesia
2. Sri Lanka
3. Russia
4. Chile

Correct Option - 4

Que. 58 An electron microscope given higher magnifications than an optical microscope because.

1. The wavelength of electrons is smaller as compared to the wavelength of visible light
2. The electrons have more energy than the light particulars
3. The electron microscope uses more powerful lenses
4. The velocity of electrons is smaller

1. Alpine forests
2. Mangrove forests
3. Monsoon forests
4. Evergreen forests

Correct Option - 2

Que. 60 Total internal reflection can **NOT** take place when light goes from:

1. glass to water
2. water to glass
3. glass to air
4. water to air

Correct Option - 2

Que. 61 The market equilibrium for a commodity is determined by:

1. The market supply of the commodity.
2. The balancing of the forces of demand and supply for the commodity.
3. The market demand of the commodity
4. The intervention of the Government

Correct Option - 2

Que. 62 Aluminium salt commonly used to stop bleeding is?

1. Potash alum
2. Aluminium sulphate
3. Aluminium nitrate
4. Aluminium Chloride

Correct Option - 1

Que. 63 The Members of the Constituent Assembly which enacted the Constitution of India were:

1. Nominated by the Political Parties
2. Directly elected by the People
3. Nominated by Governor - General
4. Elected by the Legislative Assemblies of various Provinces

Correct Option - 4

2. Benzene hexachloride
3. Chloro benzene
4. Aniline

Correct Option - 2

Que. 65 A clone is a group of individuals obtained through

1. Hybridisation
2. Micropropagation
3. Self pollination
4. Cross pollination

Correct Option - 2

Que. 66 Which of the following is used in the treatment of cancer?

1. Chemotherapy
2. Electrotherapy
3. Physiotherapy
4. Psychotherapy

Correct Option - 1

Que. 67 The largest current because of its dark waters is known as the black current and that is:

1. Gulf Stream
2. California Current
3. Kuroshio Current
4. Antarctic Current

Correct Option - 3

Que. 68 RAM is used as a short memory in a computer because it:

1. Is very expensive
2. Has less capacity
3. Is programmable
4. Is volatile

Correct Option - 4

Que. 69 Who among the following Sultans tried to prohibit sati?

4. Alauddin Khilji

Correct Option - 1

Que. 70 Who was the governor general during the Second Anglo - Mysore War?

1. Warren Hastings
2. Sir John Shore
3. Lord Cornwallis
4. Lord Wellesley

Correct Option - 1

Que. 71 The largest forest which covers 25 percent of the world's forest land is:

1. Monsoon forest
2. The tropical Rain forest
3. Taiga forest of Siberia
4. Temperate forests of Europe

Correct Option - 3

Que. 72 In a computer system, which device is functionally opposite of a Key-board?

1. Mouse
2. Trackball
3. Joystick
4. Printer

Correct Option - 4

Que. 73 Immunization technique was developed by

1. Louis Pasteur
2. Joseph Lister
3. Robert Koch
4. Edward Jenner

Correct Option - 4

Que. 74 Cripps Mission came to India in _____.

1. 1945
2. 1942

Correct Option - 2

Que. 75 Name the acid attack victim who was honoured with the prestigious "International Woman of Courage" award on 4 March 2014 at the State Department Ceremony in Washington by Michelle Obama, the first lady of the U.S.

1. Malini
2. Nirbhaya
3. Shivani
4. Laxmi

Correct Option - 4

Que. 76 The founder of the 'Arya Samaj' was _____.

1. Raja Ram Mohan
2. Dayananda Saraswati
3. Vivekananda
4. Annie Besant

Correct Option - 2

Que. 77 In a solar or lunar eclipse, the region of the Earth's shadow is divided into

1. Two parts
2. Three parts
3. Five parts
4. Four parts

Correct Option - 2

Que. 78 Which Article of the Indian Constitution defines the duties of the Chief Minister?

1. Article 163
2. Article 166
3. Article 167
4. Article 164

Correct Option - 3

Que. 79 Tulsidas wrote Ramcharitmanas during the reign of

1. Jahangir
2. Akbar

Correct Option - 2

Que. 80 Red rot of sugar cane is caused by:

1. Phytophthora infestans
2. Alternaria alternata
3. Colletotrichum falcatum
4. Cercospora personata

Correct Option - 3

Que. 81 MacIver says 'Kinship creates society and society at length creates' _____?

1. State
2. City state
3. Nation
4. Association

Correct Option - 1

Que. 82 The hydrophilic nature of DNA is due to the presence of _____.

1. Thymine base
2. Deoxyribose sugar
3. A number of hydrogen bonds
4. Phosphate group

Correct Option - 4

Que. 83 Interferons are synthesized in response to the

1. Virus
2. Bacteria
3. Fungi
4. Mycoplasma

Correct Option - 1

Que. 84 The first law of thermodynamics is simply the case of?

1. The law of heat exchange
2. The law of conservation of energy
3. Chane's law

Que. 85 | The sense of balance is achieved by

1. Spinal chord equilibrium
2. Cerebrum equilibrium
3. Thalamus equilibrium
4. Cerebellum equilibrium

Correct Option - 4

Que. 86 | Nitrogen in water is commonly found in the form of

1. Nitric oxide
2. Nitrate
3. Nitrite
4. Nitrous oxide

Correct Option - 2

Que. 87 | Name the kingdom which first used elephants in wars?

1. Champa
2. Magadha
3. Kosala
4. Avanti

Correct Option - 2

Que. 88 | Which one of the following chapters in the Indian Constitution guarantees fundamental rights to the people?

1. Part I
2. Part IV
3. Part II
4. Part III

Correct Option - 4

Que. 89 | A low interest policy is also known as_____.

1. Income generation policy
2. Investment policy
3. Cheap money policy
4. Dear money policy

Que. 90

1. Each engine is 100%
2. The reversible engine is greater than the irreversible engine
3. The irreversible engine is greater than the reversible engine.
4. The two engines is equal

Correct Option - 2

Que. 91

The most abundant element on earth crust is _____.

1. Silicon
2. Nitrogen
3. Oxygen
4. Calcium

Correct Option - 3

Que. 92

The fleshy thalamus is edible in _____

1. Mango
2. Apple
3. Orange
4. Tomato

Correct Option - 2

Que. 93

Who constructed Humayun's tomb in Delhi?

1. Babar
2. Humayun
3. Akbar
4. Haji Begam

Correct Option - 4

Que. 94

Regarding the money supply situation in India it can be said that the

1. Currency with the public is more than the deposits with the banks
2. Currency with the public is less than the deposits with the banks
3. Currency with the public is almost equal to the deposits with the bank
4. Currency with the public is inconvertible only

Correct Option - 2

2. Eight
3. Seven
4. Five

Correct Option - 2

Que. 96 Economies of a firm are:

1. Saving in its production costs
2. A reduction in its setting expneses
3. Its dominance of the market
4. An increase in its profits

Correct Option - 1

Que. 97 Reservation for the Scheduled castes and Scheduled tribes in the service has been provided in the Indian Constitution under.

1. Article 365
2. Article 375
3. Article 315
4. Article 335

Correct Option - 4

Que. 98 Who among the following is named as "Haryana Hurricane"?

1. Kapil Dev
2. Nawab Pataudi
3. Ajay Ratsa
4. Ajay Jadeja

Correct Option - 1

Que. 99 The States reorganization in 1956 created _____.

1. 17 States and 9 Union Territories
2. 14 States and 6 Union Territories
3. 17 States and 6 Union Territories
4. 15 States and 9 Union Territories

Correct Option - 2

Que. 100 The resources which are obtained from the biosphere and have life are:

3. Biotic resources
4. Renewable resources

Correct Option - 3

Que. 101 The angle between the graph of the linear equation $239x - 239y + 5 = 0$ and the x - axis is

1. 45°
2. 30°
3. 60°
4. 0°

Correct Option - 1

Que. 102 Incomes of x and y are in the ratio $4 : 3$. Their expenditures are in the ratio $12 : 7$. Both save Rs. 3200/- at the end of the month, then the income of x is?

1. Rs. 8000/-
2. Rs. 2000/-
3. Rs. 6000/-
4. Rs. 4000/-

Correct Option - 1

Que. 103 The mean of x and $1/x$ is N . Then the mean of x^2 and $1/x^2$ is?

1. $4N^2 - 2$
2. $N^2 - 2$
3. N^2
4. $2N^2 - 1$

Correct Option - 4

Que. 104 The number of paving stones each measuring $2.5 \text{ m} \times 2 \text{ m}$ required to pave a rectangular courtyard 30 m long and 17.5 m wide. Are

1. 105
2. 80
3. 33
4. 99

Correct Option - 1

1. Rs. 200
2. Rs. 196
3. Rs. 106
4. Rs. 180

Correct Option - 1

Que. 106 A man born in the year 1896 A. D. if in the year x^2 A. D. his age is $x - 4$ then value of x is?

1. 44
2. 42
3. 40
4. 36

Correct Option - 1

Que. 107 If in a triangle ABC, BE and CF are two medians perpendicular to each other and if $AB = 19$ cm and $AC = 22$ cm then the length of BC is

1. 26 cm
2. 13 cm
3. 20.5 cm
4. 19.5 cm

Correct Option - 2

Que. 108 Two circles of radii 10 cm and 8 cm intersect each other at two points and the length of the common chord is 12 cm. Then the distance between their centres is

1. 8
2. 13.3
3. 15
4. 10

Correct Option - 2

Que. 109 The simplified value of $((0.0539 - 0.002) \times 0.4 + 0.56 \times 0.07) / (0.04 \times 0.25)$

1. 5.996
2. 0.5996
3. 599.6
4. 59.96

Que. 110 The term, that should be added to $(4x^2 + 8x)$ so that resulting expression be a perfect square, is

1. 2
2. 4
3. 1
4. $2x$

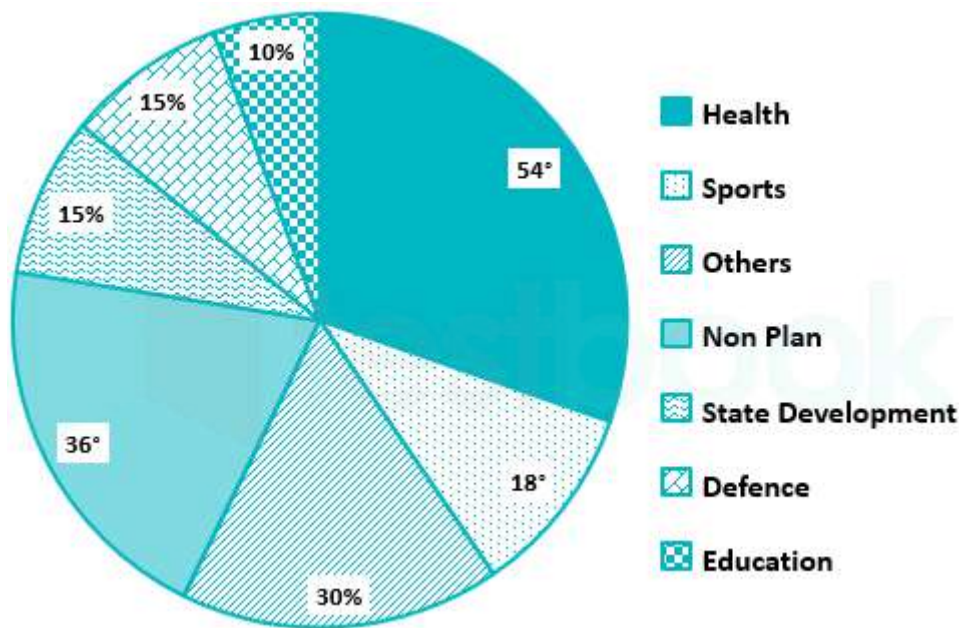
Correct Option - 2

Que. 111 The average of some natural numbers is 15. If 30 is added to first number 5 is subtracted from the last number the average becomes 17.5 then the number of natural number is?

1. 15
2. 30
3. 20
4. 10

Correct Option - 4

Que. 112 **Directions:** Study the chart carefully and answer the questions:



If total amount spent by the Government during the year was Rs. 1,00,000 crores, then the amount spent on Health and Education together was

1. Rs. 25,000 crore
2. Rs. 20,000 crore

Correct Option - 1

Que. 113 If the total amount spent by the Government during the year was Rs. 3,00,000 crores, the amount spent on state development exceeds that on sports by

1. Rs. 45,000 crore
2. Rs. 25,000 crore
3. Rs. 35,000 crore
4. Rs. 30,000 crore

Correct Option - 4

Que. 114 The percent of less money spent on non-plan that on defence is

1. 5%
2. 10%
3. 15%
4. 12%

Correct Option - 1

Que. 115 The percent of excess money spent on others than the on the Sports is

1. 27%
2. 28%
3. 26%
4. 25%

Correct Option - 4

Que. 116 The percent of the total spending that is spent on health is

1. 20%
2. 15%
3. 25%
4. 30%

Correct Option - 2

Que. 117 12 monkeys can eat 12 bananas in 12 minutes. Is how many minutes can 4 monkeys eat 4 bananas?

1. 4
2. 8
3. 12

Que. 118 The smallest whole number that is to be multiplied with 59535 to make a perfect square number is x. The sum of digits of x is?

1. 6
2. 5
3. 9
4. 7

Correct Option - 1

Que. 119 $\sqrt{(10 + \sqrt{(25 + \sqrt{(108 + \sqrt{(154 + \sqrt{225}))})})})/\sqrt[3]{8} = ?$

1. 8
2. 4
3. 12
4. 2

Correct Option - 4

Que. 120 The height of a triangle is increased by 10%. To retain the original area of the triangle, its corresponding base must be decreased by?

1. 100/11%
2. 10%
3. 9/17%
4. 9/18%

Correct Option - 1

Que. 121 Provided $\sin(A - B) = \sin A \cos B - \cos A \sin B$, then $\sin 15^\circ$ will be.

1. $\sqrt{3}22$
2. $\sqrt{3} + 122$
3. $\sqrt{3}-12$
4. $(\sqrt{3} - 1)/2\sqrt{2}$

Correct Option - 4

Que. 122 How many second will a train 120 metres long running at the rate of 36 km/hr take to cross a bridge of 360 metres in length?

1. 48 Sec
2. 46 Sec

Correct Option - 1

Que. 123 The perimeters of two similar triangles are 30 cm and 20 cm respectively. If one side of the first triangle is 9 cm. Determine the corresponding side of the second triangle.

1. 5 cm
2. 6 cm
3. 15 cm
4. 13.5 cm

Correct Option - 2

Que. 124 In a factory the production of cycles rose to 48,400 from 40,000 in 2 years. The rate of growth per annum is?

1. 10%
2. 9%
3. 10.5%
4. 8%

Correct Option - 1

Que. 125 2 km 5 m is equal to?

1. 2.0005 km
2. 2.05 km
3. 2.005 km
4. 2.5 km

Correct Option - 3

Que. 126 If a shop-keeper purchases cashewnut at Rs. 250 per kg and sells it at Rs. 10 per 50 grams then he will have _____

1. 25% Profit
2. 25% Loss
3. 20% Loss
4. 20% Profit

Correct Option - 3

Que. 127 A fruit seller buys 240 apples for Rs. 600. Some of these apples are bad and are thrown away. He sells the remaining apples at Rs. 3.50 each and makes a profit of Rs. 198. The % of apple thrown away are?

3. 7%
4. 6%

Correct Option - 1

Que. 128 If the base of right prism remains same and the lateral edges are halved, then its volume will be reduced by

1. 66%
2. 50%
3. 33.33%
4. 25%

Correct Option - 2

Que. 129 The ratio of the ages of A and B at present is 3 : 1. Four years earlier the ratio was 4 : 1. The present age of A is?

1. 32 Years
2. 36 Years
3. 48 Years
4. 40 Years

Correct Option - 2

Que. 130 If $999x + 888y = 1332$ and $888x + 999y = 555$, then the value of $x + y$ is?

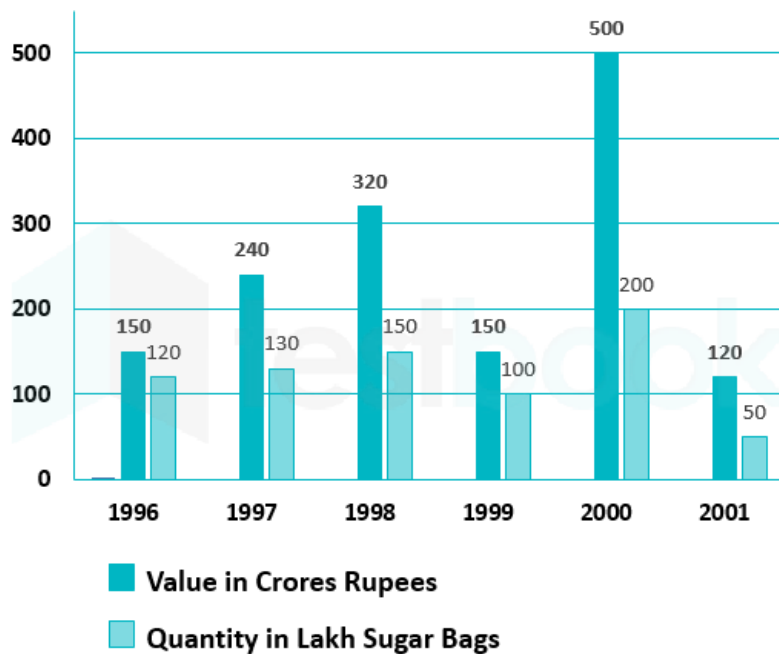
1. 555
2. 999
3. 1
4. 888

Correct Option - 3

Que. 131 If α is an acute angle and $2 \sin \alpha + 15 \cos^2 \alpha = 7$, then the value of $\cot \alpha$ is

1. $4/5$
2. $3/4$
3. $4/3$
4. $5/4$

Correct Option - 2



Value per bag was minimum in the year?

1. 1999
2. 1996
3. 2001
4. 1997

Correct Option - 2

Que. 133 The difference between the bags in 1999 and 2000 was?

1. 1,50,000,00
2. 1,00,000,00
3. 50,000,00
4. 2,00,000,00

Correct Option - 2

Que. 134 Percentage fall in value from 2000 to 2001 is?

1. 76%
2. 50%
3. 25%
4. 40%

Correct Option - 1

2. 26.9%
3. 27.8%
4. 15.38%

Correct Option - 4

Que. 136 The diagonal of a quadrilateral shaped field is 24 m and the perpendiculars dropped on it from the remaining opposite vertices are 8 m and 13 m. The area of the field is?

1. 252 m^2
2. 96 m^2
3. 156 m^2
4. 1150 m^2

Correct Option - 1

Que. 137 The shadow of a tower standing on a level plane is found to be 40 m longer when the sun's altitude is 45° , than when it is 60° . The height of the tower is

1. $30\sqrt{3}(3 + \sqrt{3}) \text{ m}$
2. $40\sqrt{3}(3 + \sqrt{3}) \text{ m}$
3. $10\sqrt{3}(3 + \sqrt{3}) \text{ m}$
4. $20\sqrt{3}(\sqrt{3} + 1) \text{ m}$

Correct Option - 4

Que. 138 The perimeter of a sheet of paper in the shape of a quadrant of a circle is 75 cm. It's area would be ($\pi = 22 / 7$)

1. 512.25 cm^2
2. 346.5 cm^2
3. 693 cm^2
4. 100 cm^2

Correct Option - 2

Que. 139 A number is increased by $x\%$ to get back to the original number, it is to be reduced by?

1. $\frac{10x}{100+x} \%$
2. $\frac{100x}{100+x} \%$
3. $x\%$

Que. 140 A man bought a watch at 25% discount on the original price. He got Rs. 40 more than the original price by selling it at 140% of the price at which he bought. The price of buying the watch was?

1. Rs. 800
2. Rs. 900
3. Rs. 700
4. Rs. 600

Correct Option - 4

Que. 141 'O' is the circumcentre of triangle ABC if $\angle BAC = 50^\circ$ then $\angle OBC$ is

1. 100°
2. 50°
3. 130°
4. 40°

Correct Option - 4

Que. 142 20 men can do a piece of work in 18 days. They worked together for 3 days, then 5 men joined them. In how many more days is the work completed?

1. 13
2. 14
3. 12
4. 15

Correct Option - 3

Que. 143 From two points on the ground lying on a straight line through the foot of a pillar, the two angles of elevation of the top of the pillar are complementary to each other. If the distance of two points from the foot of the pillar are 12 metres and 27 metres and the two points lie on the same side of the pillar, then the height (in meter) of the pillar is

1. 15
2. 12
3. 16
4. 18

Correct Option - 4

Que. 144 If $x + (1/x) = 2$, then the value of $x^7 + (1/x^5)$ is

4. 2^5

Correct Option - 3

Que. 145 Two isosceles triangles have equal vertical angles and their areas are in the ratio 9 : 16. Then the ratio of their corresponding heights is

1. 3 : 4
2. 8 : 4.5
3. 4 : 3
4. 4.5 : 8

Correct Option - 1

Que. 146 A certain amount of money earns Rs. 540 as simple Interest in 3 years. If it earns a compound interest of Rs. 376.20 at the same rate of interest in 2 years, find the amount (in Rupees).

1. 1800
2. 2100
3. 2000
4. 1600

Correct Option - 3

Que. 147 If $3^y \times 3^{x-2y} = \sqrt{27}$ then the value of 3^{x-y} will be?

1. $\frac{1}{\sqrt{3}}$
2. 3
3. $\sqrt{27}$
4. $\frac{1}{\sqrt{27}}$

Correct Option - 3

Que. 148 The total surface area of a regular triangular pyramid with each edges of length 1 cm is?

1. $4\sqrt{3} \text{ cm}^2$
2. 4 cm^2
3. $\sqrt{3} \text{ cm}^2$
4. $\frac{4}{3}\sqrt{3} \text{ cm}^2$

Correct Option - 3

2. 2
3. 1
4. -1

Correct Option - 3

Que. 150 A bus moving at 40 km per hour covers a distance in 6 hours 15 minutes. If it travels the same distance at 50 km per hour how long will it take to cover the distance?

1. 6 hrs
2. 2 hrs
3. 5 hrs
4. 4 hrs

Correct Option - 3

Que. 151 In the question given below, a part of the sentence is bold. Below are given alternatives to the bold part which may improve the sentence. Choose the correct alternative. In case no improvement is required, choose 'No Improvement' as your answer.

I was angry **at** myself for making such a big mistake.

1. with
2. no improvement
3. about
4. on

Correct Option - 1

Que. 152 In the question given below, a part of the sentence is bold. Below are given alternatives to the bold part which may improve the sentence. Choose the correct alternative. In case no improvement is required, choose 'No Improvement' as your answer.

She is a very **eccentric** woman.

1. Unusual
2. Generous
3. Impatient
4. No improvement

Correct Option - 4

Que. 153 In the question given below, a part of the sentence is bold. Below are given alternatives to the bold part which may improve the sentence. Choose the correct alternative. In case no improvement is required, choose 'No Improvement' as your answer.

3. Committed
4. Punctual

Correct Option - 4

Que. 154 In the question given below, a part of the sentence is bold. Below are given alternatives to the bold part which may improve the sentence. Choose the correct alternative. In case no improvement is required, choose 'No Improvement' as your answer.

Torture and trauma have made her a **mental patient**.

1. Lunatic
2. Mad
3. Mania
4. No improvement

Correct Option - 1

Que. 155 In the question given below, a part of the sentence is bold. Below are given alternatives to the bold part which may improve the sentence. Choose the correct alternative. In case no improvement is required, choose 'No Improvement' as your answer.

The chickens on his farm **are fatted** up nicely.

1. No improvement
2. are fattened
3. are fattening
4. are fattyng

Correct Option - 2

Que. 156 Four words are given in each question, out of which only word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

1. Encestral
2. Anesestral
3. Ansastral
4. Ancestral

Correct Option - 4

Que. 157 Four words are given in each question, out of which only word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

1. Qurioclty
2. Curiosity

Correct Option - 2

Que. 158 Four words are given in each question, out of which only word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

1. Antecedant
2. Entecedent
3. Intecedent
4. Antecedent

Correct Option - 4

Que. 159 Four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

1. Delibarate
2. Aberrance
3. Maditation
4. Naseating

Correct Option - 2

Que. 160 Select the correctly spelt word.

1. Cemetery
2. Cemetry
3. Cemetary
4. Symetry

Correct Option - 1

Que. 161 Read the passage carefully and choose the best answer to each question out of the four alternatives.

Research is a detailed study of a subject undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications. It is used to establish or confirm facts, reaffirm the results of previous work, solve new or existing problems, or develop new theories. To test the validity of instruments, procedures. or experiments, research may replicate elements of prior projects or the project as a whole. The primary purposes of basic research are documentation, discovery, interpretation, or the research and development of methods and systems for the advancement of human knowledge. There are several forms of research- scientific, humanities, artistic, economic, social, business, marketing, etc.

Academic publishing describes a system that is necessary in order for academic scholars to review the work and make it available for a wider audience. Most academic work is published in book form. There is also a large body of research that exists in either a thesis or dissertation form. Many researchers spent their time applying for

1. Research is the attempt to limit the growth of knowledge.
2. Research is the creation of new forms of knowledge.
3. Research is a process having no practical use.
4. Research is the destruction of previous works.

Correct Option - 2

Que. 162 How many kinds of research are there?

1. There is only one kind of research
2. There are seven different kinds of research.
3. There are two different kinds of research.
4. Not mentioned in the passage

Correct Option - 4

Que. 163 Why is research conducted?

1. Research is conducted in order to minimize the result of previous works.
2. Research is conducted in order to verify information
3. Research is conducted in order to develop new problems.
4. Research is conducted in order to destroy facts.

Correct Option - 2

Que. 164 Select the answer which best reflects the view expressed in the passage.

1. Researchers never apply for grants.
2. Documentation is important in research.
3. Research can thrive without grants.
4. Grants are not based on merit.

Correct Option - 2

Que. 165 Choose the most appropriate answer from this passage.

1. Academic publishing is meant only for experts.
2. Academic publishing is meant to benefit a wider audience.
3. Academic publishing is meant only for professionals.
4. Academic publishing is meant only for academicians.

Correct Option - 2

corresponding to the "No Error".

The team was now in the field and about to take their place

1. about to take their place
2. now in the field and
3. The team was
4. No error

Correct Option - 1

Que. 167 Our beloved Prime Minister is known to the prominent figures all over the world.

1. the prominent figures all over the world
2. is known to
3. Our beloved Prime Minister
4. No error

Correct Option - 2

Que. 168 The lions kill the animals and eat his meat.

1. and eat his meat
2. No error
3. The lions
4. kill the animals

Correct Option - 1

Que. 169 Everyone were happy to hear about his success

1. to hear
2. about his success
3. Everyone were happy
4. No error

Correct Option - 3

Que. 170 Hearing these strange noises above, the thought at once occurred to me that thieves had entered the house.

1. the thieves had entered the houses
2. No error
3. the thought all once occurred to me
4. Hearing these strange noises above

Que. 171 In the given Question out of the four alternatives, choose the one which can be substituted for given words/sentences.

Showing a dislike of anything improper.

1. Rude
2. Strict
3. Crude
4. Prim

Correct Option - 4

Que. 172 In the given question, out of the four alternatives, choose the one which can be substituted for given words/sentences.

Walking in sleep

1. Somnolence
2. Somnambulism
3. Sleepyhead
4. Insomnia

Correct Option - 2

Que. 173 In the given Question out of the four alternatives, choose the one which can be substituted for given words/sentences.

A person who leaves his own country in order to go and live in another.

1. Immigrant
2. Expatriate
3. Refugee
4. Emigrant

Correct Option - 4

Que. 174 In the given Question out of the four alternatives, choose the one which can be substituted for the given words/sentences.

Artistic, musical, or dramatic interpretation.

1. Reparation
2. Report
3. limitation
4. Rendition

Correct Option - 4

That which cannot be avoided

1. Indifferent
2. Inestimable
3. Infantile
4. Inevitable

Correct Option - 4

Que. 176 Select the most appropriate **ANTONYM** of the given word.
OBSEQUIOUS

1. Domineering
2. Careful
3. Cleaver
4. Opaque

Correct Option - 1

Que. 177 Select the most appropriate **ANTONYM** of the given word.
ENLARGE

1. Amplify
2. Glorify
3. Augment
4. Condense

Correct Option - 4

Que. 178 Choose the word opposite in meaning to the given word.
VACILLATE

1. Decide
2. Relieve
3. Repel
4. Injure

Correct Option - 1

Que. 179 Choose the word opposite in meaning to the given word.
UNSCRUPULOUS

1. Dedicated

Correct Option - 4

Que. 180 Choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

Tranquil

1. Temporal
2. Disturbed
3. Unruffled
4. Perpetual

Correct Option - 2

Que. 181 Directions: In the following question, out of the four alternatives, select the word similar in meaning to the word given.

CONJECTURE

1. Bias
2. Truth
3. Knowledge
4. Guess

Correct Option - 4

Que. 182 Out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

Annihilate

1. Deduce
2. Destroy
3. Solve
4. Initiate

Correct Option - 2

Que. 183 Out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

Interference

1. Fearful
2. Honour
3. Obstruction
4. Deference

Que. 184 | Select the most appropriate SYNONYM of the given word.

VERISIMILITUDE

1. Fantastic
2. Authenticity
3. Grotesque
4. Festive

Correct Option - 2

Que. 185 | Directions: In the following question, out of the four alternatives, select the word similar in meaning to the word given.

QUARRY

1. Denounce
2. Victim
3. Quake
4. Excavate

Correct Option - 4

Que. 186 | Sentences are given with the blanks to be filled in with appropriate words. Four alternatives are suggested for each question, choose the correct alternative.

The little boy ran _____ fast that he was _____ for breath.

1. So, inhaling
2. So, gasping
3. Too, fighting
4. Very, struggling

Correct Option - 2

Que. 187 | Sentences are given with the blanks to be filled in with appropriate words. Four alternatives are suggested for each question, choose the correct alternative.

There were so many _____ points in his speech that the audience _____ to get the message.

1. Superficial, listened
2. Irrelevant, failed
3. Interesting, tried
4. Relevant, nestened

Correct Option - 2

1. Accurate, display
2. Able, disclosure
3. Adept, demonstration
4. Agile, demolition

Correct Option - 3

Que. 189 Sentences are given with the blanks to be filled in with appropriate words. Four alternatives are suggested for each question, choose the correct alternative.

The _____ of the 'Chief' was _____ upon him.

1. Title, imposed
2. Appointment, thrown
3. Name, dismissed
4. Title, bestowed

Correct Option - 4

Que. 190 Sentences are given with the blanks to be filled in with appropriate words. Four alternatives are suggested for each question, choose the correct alternative.

She was so _____ that she was _____ by all.

1. Proud, respected
2. Stupid, admired
3. Talented, praised
4. Excellent, warned

Correct Option - 3

Que. 191 Four alternatives are given for the idiom/Phrase underlined in the sentence. Choose the alternative which best expresses the meaning of idiom/phrase and mark it.

The officer was in the soup when there was a raid in his office.

1. drinking soup
2. preparing soup
3. to be in trouble
4. distributing soup

Correct Option - 3

Que. 192 Four alternatives are given for the idiom/Phrase underlined in the sentence. Choose the alternative which best expresses the meaning of idiom/phrase and mark it.

2. To be disappointed
3. To be victorious in a game
4. To memorise

Correct Option - 1

Que. 193 Four alternatives are given for the idiom/Phrase underlined in the sentence. Choose the alternative which best expresses the meaning of idiom/phrase and mark it.

We must draw the line somewhere.

1. turn the tables
2. fix a limit
3. put the screw on
4. aim at the sky

Correct Option - 2

Que. 194 Four alternatives are given for the idiom/Phrase underlined in the sentence. Choose the alternative which best expresses the meaning of idiom/phrase and mark it.

To cut the Gordian knot

1. to do a job
2. to perform a difficult task
3. to cut a piece of cloth
4. to perform an easy task

Correct Option - 2

Que. 195 Four alternatives are given for the idiom/Phrase underlined in the sentence. Choose the alternative which best expresses the meaning of idiom/phrase and mark it.

The shopping mall is a bee hive of activity.

1. a secure place
2. a busy place
3. a sweet place
4. a costly place

Correct Option - 2

Que. 196 In the following passage, some of the words have been left out. Read the passage carefully and choose the correct answer to each question out of the four alternatives and fill in the blanks.

A team of Indian engineers ___(I)___ shown that digital Photographs of the hand may ___(II)___ cholesterol level in the body and serve as an early warning signal ___(III)___ poor lipid health without a standard blood test.

Which of the following should be filled at the blank (I)?

1. Has
2. Has been
3. Are
4. Have

Correct Option - 1

Que. 197 Which of the following should be filled at the blank (II)?

1. Reveal
2. Conduct
3. Conjecture
4. Conceal

Correct Option - 1

Que. 198 Which of the following should be filled at the blank (III)?

1. Before
2. Of
3. By
4. At

Correct Option - 2

Que. 199 Which of the following should be filled at the blank (IV)?

1. Refined
2. Recorded
3. Resolved
4. Retracted

Correct Option - 1

Que. 200 Which of the following should be filled at the blank (V)?

1. Fixed
2. Loaded
3. Formulated
4. Featured