## NTSE STAGE – I 02 – A/2017 – 18 (For Class – X) MENTAL ABILITY TEST (MAT)

3. 
$$\frac{3}{5}$$

$$4.\frac{4}{5}$$

5. If one root of quadratic equation 
$$K = 1 \times x^2 + 5x + 2k = 0$$
 is reciprocal of other then value of

$$3. -1$$

7. If , are the roots of the equation 
$$2x^2 - 5x = 16 = 0$$

, then value of 
$$\frac{1}{3}$$
  $\frac{1}{2}$   $\frac{1}{3}$  is

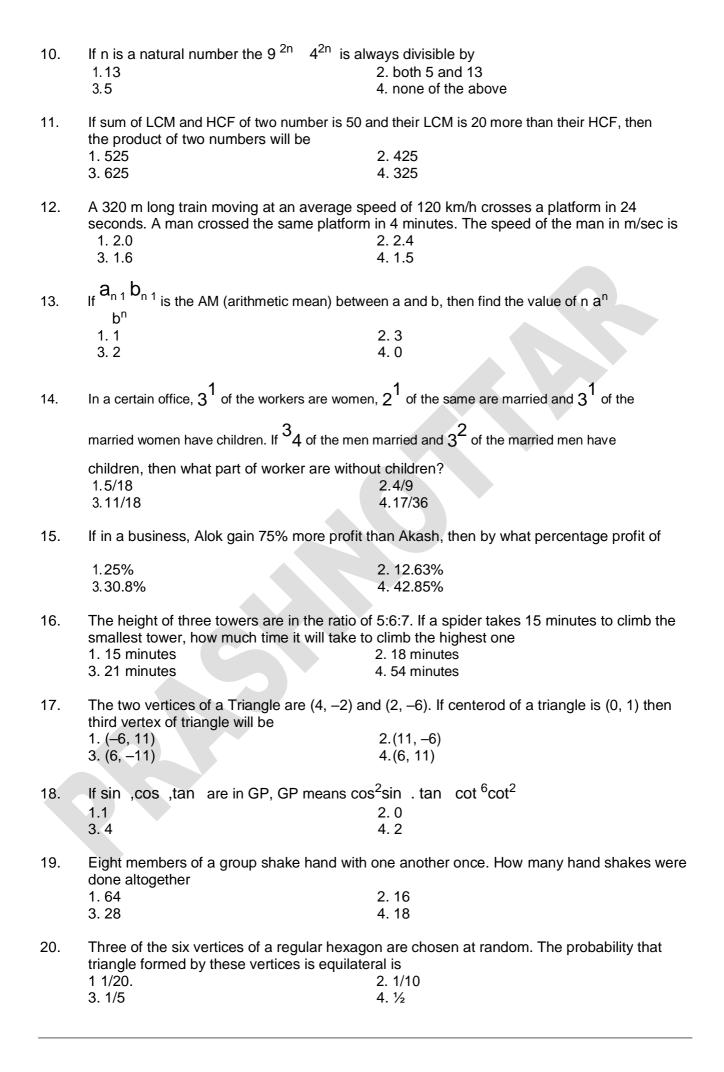
1. 
$$\frac{1}{4}$$

3. 
$$\frac{1}{3}$$

2. 
$$\frac{5}{2}$$

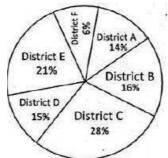
4. 
$$\frac{5}{12}$$

$$0.333 \, _2 \, 0.222 \, ^2 \,$$
 will be

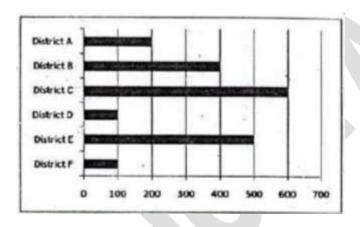


#### Directions: Question 21 - 25

Study the following pie- chart and bar graph and answer the following questions percentage distribution of teachers in six different districts. Total numbers of teacher = 4500.



Number of male out of 4500



21. What is the total number of male teachers in District F, Female teachers in District C and Female teachers in District B together?

1.1180

2.1080

3. 1020

4. 1120

22. The numbers of female teachers in District D is approximately what percent of the total number of teachers (both male and female) in District A

1. 70

2.80

3. 75

4. 90

23. In which district is the number of male teachers more than the number of female teachers?

1.B only

2.D only

3. Both B and E

4.Both E and F

24. What is the difference between the number of female teachers in district F and total number of teachers (both male and female) in district E?

1.625

2.775

3.675

4.725

25. What is the ratio of the number of male teachers in district C to number of female teachers in district B?

1.11:15

2.15:11

3.15:8

4.8:15

26. Complete the given series:

25, 255, 2545, 25455, ...

1. 254545

2.25555

3. 254555

27. Find the missing letter:

3	L	4
1	Q	17
5	?	4

1. V

3. Q

2. P 4. T

28. In the given arrangement of numbers after removing all even numbers which is the middle most number?

185947125836592764529264123514283

1. 5

3. 6

2.7

4.9

29. A clock is set right at 5 am. The clock loses 16 minutes in 24 hours. What will be the right time when the clock indicates 10 pm on the 4<sup>th</sup> day?

1.8 pm

2.9 pm

3.10 pm

4.11 pm

## **Directions (Q. No 30 – 31):**

Answer the questions based on the following information. Numbers are written on the Chess Board as given below.

	а	b	C	d	e	f	g	h
1	1	2	3	4	5	6	7	-8
2	9	10	31	12	13	14	15	16
3	17	18	19	20	21	22	28	24
4	25	26	27	28	29	30	31	32
5	33	34	35	36	37	38	39	40
6	41	42	43	44	45	46	47	48
7	49	50	51	52	53.	54	55	56
8	57	58	59	60	61	62	63	64

30. If a<sub>8</sub> a<sub>1</sub> a<sub>2</sub> a<sub>3</sub> ...a<sub>7</sub>

b<sub>8</sub> b<sub>1</sub> b<sub>2</sub> b<sub>3</sub> ... b<sub>7</sub>

h<sub>8</sub> h<sub>1</sub> h<sub>2</sub> h<sub>3</sub> ...h<sub>7</sub>

What is a<sub>8</sub> b<sub>8</sub> ...h<sub>8</sub> \_\_\_\_

1. 2080

2. 1596

3.399

4. 741

31. The total number of odd numbers on the white box are

1.8

2. 16

3.24

**Directions:** Read the information given below carefully and answer the question. x + v means x is the sister of v. x - y means x is the son of y. x y means x is the mother of y x y means x is the father of y x y means x is brother of y x = y means x is daughter of y Which of the following alternative means 'F is father of J'? 32. 1. F G HxI-J 2.J=I+H G F 3.F+G-HxI-J $4. J + I - H \times G - F$ 33. Five persons are standing in a line facing North. One of the two persons standing at the extreme ends is a teacher and the other is a businessman. A doctor is standing to the right of a student. A clerk is to left of the businessman. The student is standing between the teacher and the doctor. Counting from the left the doctor is at which place? 1. I 2.III 3. II 4.IV **Directions (Q. 34 – 36):** Read the information given below. Ten friends A, B, C, D, E, F, G, H, I, J are sitting on the opposite sides of a rectangular table, five on each side of a pair of opposite sides of the table. J and F are sitting next to each other. B is sitting at middle position on one of the sides and C is sitting as far from B as B is sitting from A. A, B and C are sitting on the same side of the table. G and I are sitting opposite to each other, D is on one of the ends. E has an equal number of persons sitting on his either side. I is sitting to the immediate right of D. 34. Who is sitting opposite to G? 1.H 2.1 3. J 4. A 35. In between in which two persons I is sitting? 2.J - E1.D-E 3.B-C 4.D - B36. In which of the following pairs, given persons cannot be sitting opposite to each other? 2.F-C 1. D - C 3.E - B4.G-H 37. A fruit seller does not use currency. Instead of he uses the following exchange rates 10 strawberries = 2 Apples 1 Apple = 2 Bananas 4 Bananas = 1 Mango On the basis of the above exchange rates, how many strawberries are equal to one mango? 1.4 2.8 3.10 4.12 38. If > stands for + < stands for stands for x stands for

2.36

4.312

Then what is the value of 52 < 4 5 8 2

1.38

39. The time shown by the reflection of a clock in a mirror is 4 hours 35 minutes. What is the actual time in that clock?

1. 7 hrs 25 min

2. 8 hrs 20 min

3. 7 hrs 35 min

4. 8 hrs 25 min

## **Directions (Q. No 40 – 41):**

Read the information carefully and answer the question given below:

A cube is cut into two equal parts along a plane parallel to one of its faces. One piece is coloured orange on the two largest faces and yellow on the remaining. The other piece is coloured yellow on two small adjacent faces and orange on the remaining. Each is then cut into 32 cubes of the same size. These 64 cubes are mixed up. Then:

40. How many cubes have no coloured face at all?

1. 0

2.4

3. 8

4.16

41. How many cubes have only one coloured face?

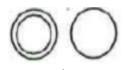
1.8

2.16

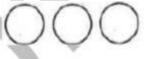
3.20

4. 24

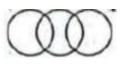
42. Choose the correct alternative that represents the relationship among illiterates, poor people and unemployed.



2



3.

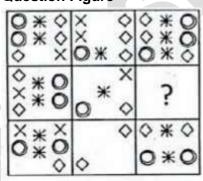


4

Directions (Q. 43 - 44):

In each of the following questions find out which of the answer figures complete the figure .

#### 43 Question Figure



**Answer Figure** 



-





### 44 Question Figure

			000
1			2
	?	000	

#### **Answer Figure**





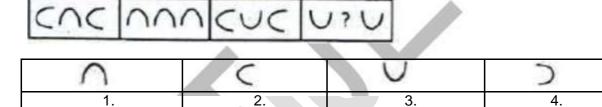




## **Directions (Q. 45 – 46):**

Select the correct alternatives which will fit in the place of the sign of interrogation for a correct pattern.

45.



DDGG GDDD DGGG 3

Q D	00	DO	DD
1.	2.	3.	4.

47. If 'SKY WAS BLUE' is

123 'SEA IS BLUE' is 245

'PEOPLE SWIMMING IN SEA' is

4678 'PEOPLE LIKE SKY' is 801 and

'BIRDS IN SKY' is 169. Then 'PEOPLE LIKE BIRDS' will have the number.

1.809

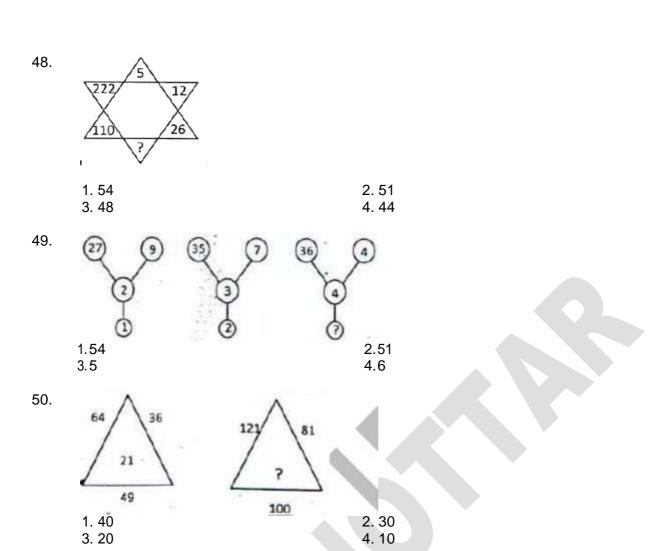
2.104

3.036

4.806

## Directions (Q 48 - 50):

Find the missing character in each of the following questions.



## NTSE STAGE - I 02 - B/2017 - 18 (For Class - X) LANGUAGE TEST

**Direction:** Choose the word that is opposite in meaning to the given question nos. 51 - 56

1. timid2. soluble3. bold4. dissolving

#### 52. Affable

1. reckless2. rude3. ungrateful4. responsible

#### 53. Mitigate

intensity
 barricade
 investigate
 personify

#### 54. Detrimental:

1. hurtful2. desirable3. profitable4. injurious

#### 55. Exodus

1. escape2. exit3. arrival4. emigrate

#### 56. Admonish

reprimand
 chide
 scold
 praise

**Direction:** In question number 57 - 62, out of four alternatives, choose the one which best expresses the meaning of the given words:

57. Perseverance
------------------

1. vacillation2. volatility3. steadfastness4. levity

#### 58. Relinquish

recognize
 hold
 assert
 forgo

## 59. Wanton

frolicsome
 joyless
 unplayful
 demure

#### 60. Exonerate

release
 rusticate
 guilty
 mastermind

## 61. Disparate

1. helpless2. different3. needy4. unware

62.	Capricious 1. fickle 3. careful	calm     forgetful			
<b>Direction:</b> In question numbers $63 - 69$ , choose the alternative which expresses the meaning of the given idioms/phrases.					
63.	To hear through the grapevine 1. To learn gardening 3. To learn something officially	2.To learn about fruits 4.To learn something from a rumour			
64.	To hit the nail on the head 1.To enjoy one's profession 3.To be violent	<ul><li>2.To learn carpentry</li><li>4.To do something in an effective way</li></ul>			
65.	A piece of cake 1. A difficult task 3. A memorable event	2.A special person 4.An easy task			
66.	To spill the beans 1. To grow vegetables 3. To reveal someone's secret	2.To open an old box 4.To request for support			
67.	An axe to grind 1. Grinding store 3. An axe for cutting trees	2. Selfish purpose 4. To take revenge			
68.	To beat about the bush 1. Not coming to the point 3. To cut expenses	2.To cut down the bush 4.Defeat			
69.	To move heaven and earth 1. To die 3. To rain heavily	2.To make every possible effort 4.To shift places			
	ion: In question number 70 – 76, sentences out of four alternatives given:	are given with blanks to be filled with appropriate			
70.	Father divided his property two so 1. among 3. in	ns. 2. to 4. between			
71.	Meena repented her mistakes.  1. over 3. for	2. of 4. about			
72.	I want to dispense the services 1. of 3. with	of my servant. 2. off 4. about			
73.	There are more toys in the box w 1. little 3. few	here this came from. 2. much 4. many			
74.	He had friends, as he was an ago 1. few 3. many	gressive person. 2. some 4. those			

75.	My aunt lived in that house five y	
	1. with	2. for
	3. since	4. some
76.	I need more time to complete the	•
	1. few	2. a few
	3. a little	4. little
Direct 82	ion: Choose the correct alternative of the ve	rbs given in brackets from question numbers 77 -
77.	Ramesh (b) a teacher since 1994.	
	1. is	2. has been
	3. is being	4. was
78.	Don't bring her unless she (prom	ise) to behave herself.
	1. promised	2. will promise
	3. promises	4. has promised
79.	She (work) since morning and no	ow she wants to take rest.
	1. has been working	2. had working
	3. was working	4. had worked
80.	When I reached the theatre, the play	(start)
	1. had started	2. starts
	3. will start	4. to be started
81.	The baby (laugh) with his mother	in the video I watched yesterday.
	1. laughs	2. was laughing
	3. laughed	4. had been laughing
82.	When he was unmarried, he often	(arrive) home late.
	1. was arriving	2. had arrived
	3. arrived	4. would arrived
Direct	ion: In question 83 – 88, choose the alternat	ive with correct spellings.
83	1. accommodation	2. acomodation
	3. acumodation	4. accomodation
84.	1. emorous	2. emorus
	3. amorous	4. ammorous
85.	1. sorcuror	2. sorcerer
	3. sorsuror	4. sorsurer
86.	1. receive	2. recieve
	3. receeve	4. riceive
87.	1. audeceous	2. audacious
	3. audasious	4. audesious
88.	1. diskripency	2. discrepancy
	3. discripancy	4. discripe

**Direction**: In question numbers 89 - 95, out of four alternatives, choose the one which can e substituted for given group of words:

89. An unexpected piece of good fortune.

to turn turtle
 philanthropy
 windfall
 fortunate

90. Of unknown name.

1. synonym2. anonymous3. unanimous4. incognito

91. Exclusive possession of anything

monopoly
 autocratic
 monogamy

92. A place for the sick to recover health

sanatorium
 stable
 granary
 arsenal

93. Study of the interaction of people with their environment.

ecology
 calligraphy
 ornithology
 cartography

94. Failing to discharge one's duty.

recklessness
 dereliction
 submission
 reluctant

95. A person who is an expert in fine arts.

conductor
 contemporary

3. connoisseur 4. artist

**Direction**: In question numbers 96 - 100, read the passage and choose the correct answer from the options.

At every stage, SLV-2 3 team was blessed with some extra-ordinary courageous people. Alongwith Sudhakar and Sivarama-krishanan, there was also Sivakaminathan. He was entrusted with brining the C-Band transponder from Trivandrum to SHAR for integration with the SLV-3. The transponder is a device is fitted with the rocket system to give the signals which are powerful enough to help it track the vehicle from the take off site to the final impact point. The SLV-3 launch schedule was dependent on the arriaval and integration of this equipment. On landing at the Madras airport, the aircraft which Sivakami was traveling in, skidded and overshot the runway. Dense smoke engulfed the aircraft. Everyone jumped out of the aircraft through emergency exits, and desperately fought to save themselves – all except Sivakami, who stayed in the aircraft till he removed the transponder from his baggage. He was among the last few persons, the others being mostly aircrafts crew, to emerge from the smoke and he was hugging the transponder close to his chest.

- 96. The speaker calls Sivakami courageous because
  - 1. he was blessed
  - 2. he looked after the transponder over his own safety
  - 3. the team was blessed
  - 4. the transponder was brought to Chennai by him
- 97. The aircraft was in danger because

1. it crash landed 2. it made an emergency landing

3. it skidded and overshot the runway 4. it was covered in smoke

- 98. Sivakami was the last to come out because
  - 1. he stayed back to bring the transponder safely
  - 2. he was blinded by the smoke
  - 3. he helped save other pasangers
  - 4. he was in a panic
- 99. The transponder was a device that
  - 1. was used to test the rocket
  - 3. for it to carry out the take off
- 2. launched the rocket
- 4. for it to be integrated to the rocket
- 100. The transponder was needed in time.
  - 1. for the rocket to be seen as the radar
  - 3. for it to carry out the take off
- 2. for the launch to take place
- 4. for it to be integrated to the rocket

# NTSE STAGE – I SCHOLASTIC APTITUDE TEST (SAT)

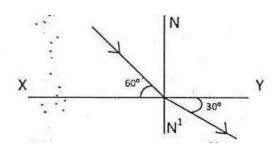
101.	number of such forces acting upon the board of the enection of the such forces acting upon the board of the enection of the en	ody are 2. 2 4. 4
102.	A heater coil is cut into two equal parts a generated now will be 1. doubled	nd only one part is used in the heater the heat  2. four times
	3. one fourth	4. halved
103.	A bar magnet placed in non – uniform ma 1. only torque	2. only force
	3. both torque and force	4. neither force nor torque
104.	$m/s^2$ )	can raise in one minute to a height of 10 m? (g = 10
	1. 1000 litre 3. 10 litre	2. 1200 litre 4. 2000 litre
105.	The Kinetic energy of a body becomes 4 will be	times of its initial value. The new linear momentum
	<ol> <li>Same as initial momentum</li> <li>Two times the initial momentum</li> </ol>	<ul><li>2. Four times the initial momentum</li><li>4. Eight times the initial momentum</li></ul>
106.	In a simple pendulum mass of bob is mappendulum in one complete oscillation in g	and effecting length is L. Work done on the gravitational field of earth is
	$1.\frac{1}{4}$ mgL	2. <u>1</u> mgL
	3. zero	4.mgL
107.	value of acceleration due to gravity on ea	noon and its diameter is double that of moon. If the $arth$ is 9.8 ms $^{-2}$ then the value of acceleration due to
	gravity on moon will be 1.0.98 ms <sup>-2</sup>	$2.0.49 \text{ ms}^{-2}$
	$3.9.8 \text{ ms}^{-2}$	$4.4.9 \text{ ms}^{-2}$
108.	Two lenses of focal length f <sub>1</sub> and f <sub>2</sub> are k combination will be	ept in contact coaxially. The power of the
	1. <u>f1f2</u> 2. <u>f1 f2</u>	3. <u>f1f2</u> 4. f f
	f <sub>1</sub> f <sub>2</sub> f <sub>1</sub> f <sub>2</sub>	f <sub>1</sub> f <sub>2</sub>
	▼	

- 109. In figure a ray of light undergoes refraction from medium A to medium B. If the speed of light in medium A is then the speed of light in medium B will be
  - 1. √3

2.



- 3. 2
- 4. 2



- 110. A body falls freely from a tower and travels a distance of 40 m in its last two seconds. The height of the tower is
  - 1. 54 m

2. 45 m

3.80 m

4. 65 m

- 111. The resistance of a wire is R. After melting it is remoulded such that its area of cross section becomes n times its initial area of cross section. Its new resistance will be
  - 1. nR

2.<u>R</u> n R

3. n<sup>2</sup>R

4.N<sup>2</sup>

- 112. Which of the following is/are true for an ammeter
  - (A) An ammeter always reads lesser than actual current
  - (B) An ammeter always reads more than actual current
  - (C) An ammeter is always connected in series because it is a low resistances device
  - (D) An ammeter is always connected in series because it is a high resistance
  - 1. Only A

2. A and B

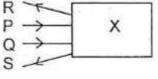
3. A and C

4. only D

113. Two light rays P and Q are incident an optical device 'X' which finally goes along 'R' and 'S', identify optical device 'X',



- 2. Concave mirror
- 3. Convex lens
- 4. Convex mirror

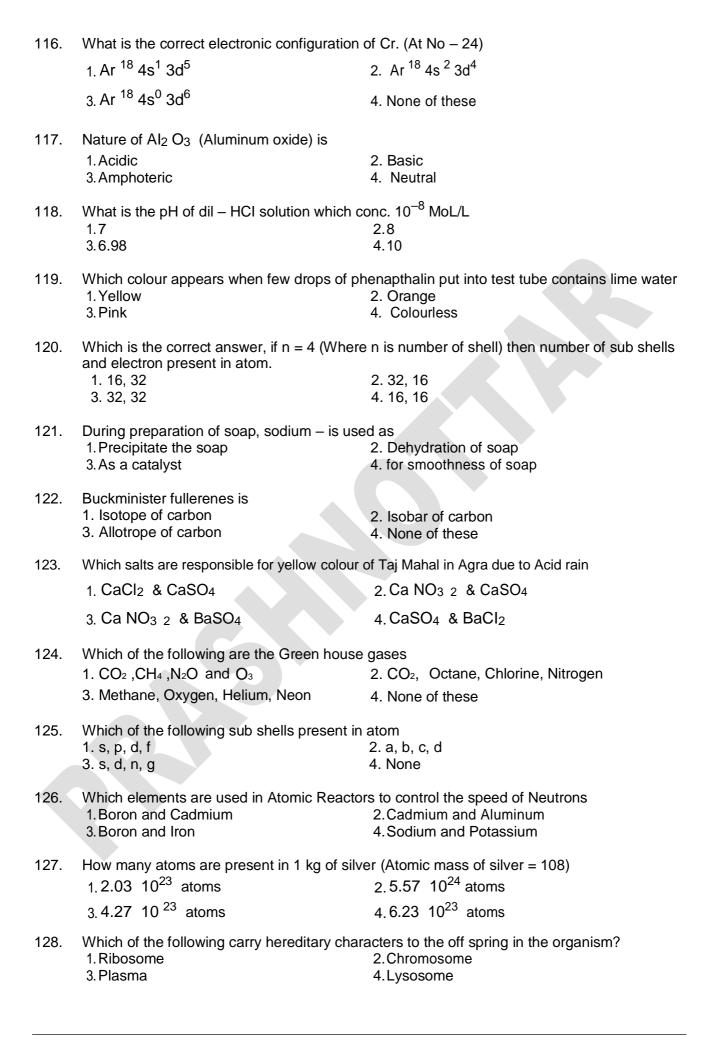


- 114. Work is said to be done if the force and displacement are
  - 1. Parallel to each other
  - 2. opposite to each other
  - 3. inclined at an angle with each other 90°
  - 4. All of the above
- 115. Which metal is used to connect solar cell to solar panels
  - 1. Gold

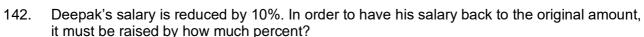
2. Silver

3. Copper

 $4. \\ Aluminum$ 



129.	Which organelle of the cell is called the power 1. Cell – wall 3. Mitochondria	house of the cell? 2. Nucleus 4. Complete cell
130.	Plasma membrane is made up of 1. Protein 3. Carbohydrate	2.Lipid 4.Both (1) and (2)
131.	Which of the following is the side of fertilisat 1. Uterus 3. Ovary	tion in humans? 2. Oviduct 4. Vagina
132.	What is the time of rest in the heart? 1. Never 3. Between two beats	While sleeping     While doing yogasan
133.	Lacteal present in the villi of the small intest 1. Help to absorb fatty acids and glycerol 3. Secrete hormones	ine: 2.Secrete enzymes for digestion 4.Help to absorb proteins
134.	How primitive life might have originated on a 1. Urey and Miller 3. Oparin and Haldane	earth was experimentally shown by 2. Watson and Crick 4. Hershey and Chase
135.	Bicuspid valve is present in the human hear 1. Right atrium and right ventricle 3. Right and left atria	t in between which of the following 2.Left atrium and left ventricle 4.Left atrium and systemic aorta
136.	Which of the following products of light dependent phase of photosynthesis?  1. RUBP and ATP	endent phase are used during the light  2. H <sub>2</sub> O and O <sub>2</sub>
	3. NADPH and ATP	4. ATP and O <sub>2</sub>
137.	Grafting in monocot plants is not possible be 1. Parallel venation 3. Have cambium	ecause they have  2. Have only one cotyledon  4. Have scattered vascular bundles
138.	Haemophilia disease is linked with 1. Sex chromosome 3. Bacteria	2.Autosome 4.Virus
139.	The primary building blocks of DNA are 1. Nitrogenous base, phosphorus and ribose 2. Nitrogenous base, Sulphur and deoxyribo 3. Nitrogenous base, phosphorus deoxyribo 4. Nitrogenous base, sulphur and ribose	ose
140.	Which of the following helps in formation of 1. Islets of Langerhans 3. Thyroid gland	insulin 2.Pituitary gland 4.Adrenal gland
141.	The value of n for which the expression x <sup>4</sup> is: 1. 3 3. 5	4x <sup>3</sup> nx <sup>2</sup> 4x 1 becomes a perfect square 2.4 4.6



3. 
$$11\frac{1}{9}$$
 %

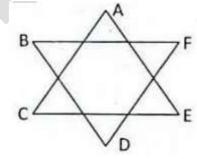
4. 
$$12\frac{3}{7}\%$$

143. Suppose x and y are positive real numbers such that 
$$x \sqrt{x}$$
 y  $\sqrt{y}$  183 and

$$x\sqrt{y}$$
  $y\sqrt[4]{x}$  182 then value of  $\frac{18}{5}$  x y is:

$$x^2 - mx - 20 - x^2 - 17x - n0$$
 are negative integers. The smallest possible value of  $(m + n)$  is

145. If the real numbers a, b, c are such that 
$$a^2 + 4b^2 + 16c^2 + 48$$
 and ab 4bc 2ca 24. Then what is the value of  $a^2 + b^2 + c^2$ ?



147. If 
$$\sin^4 x \sin^2 x$$
 1, then value of  $\cos^4 x \cos^2 x$  is

148. If 1, 2, 3 are the roots of the equation 
$$x^4$$
 ax  $x^2$  bx c 0 then the value of c is:

149. If x 4 
$$\frac{1}{15}$$
, y  $4 - \frac{1}{15}$ , then value of  $x^3 + y^3$  is

$$2.\frac{7}{\sqrt{2}}$$
cm

$$3.\frac{15}{\sqrt{14}}$$
 cm

151. If 
$$12 \cot^2 - 31 \csc + 32 = 0$$
, then value of sin is:

1. $\frac{3}{5}$  or 1

2. $\frac{2}{3}$  or  $\frac{2}{3}$ 

3. $\frac{4}{5}$  or  $\frac{3}{4}$ 

4.  $\frac{1}{2}$ 

152. Let ABCD be a rectangle and E and F be the points on CD and BC respectively such that area of (ADE) = 16, area (CEF) = 9 and area (ABC) = 25. What is the area of triangle AEF?

1. 28

2. 30

3. 32

4. 36

153.	The edge of a cul	be is doubled then the percentage increase in the volume of cube is
	1. 100%	2. 500%

3.300% 4.700%

The radii of two cylinders are in the ratio 2:3 and their heights are in the ratio 5:3. The ratio 154. of their volumes is

> 1.10:17 2.20:27 3.10:27 4.20:37

A cone, a right circular cylinder and a hemisphere standing on equal base and have same 155. height. The ratio of their volumes is

1.1:2:3 2.1:3:2 3.2:3:1 4.2:1:3

A shopkeeper sold two bicycle for Rs. 15000 each, on first he gains 50% and on the other a 156. loss of 25%. His profit of loss is

2.162 1.0 3.125 4.632

Average of 8 numbers is 20, that of the first two is 15.5 and that of the next three is  $213^{1}$ , the 157. 6<sup>th</sup> is less than the 7<sup>th</sup> by 4 and 7 less than the 8<sup>th</sup>. The last number is:

2.28 1.25 3.35 4.32

An equilateral triangle has its side of  $3\sqrt{3}$  cm, then radius of its circum-circle is: 158.

1.3 cm 2.4 cm 3. 2 3 cm 4.2 cm

729<sup>8x</sup> 1 then find the value of x. 159. 2.8 3.3 4.4

When 10 is subtracted from each of the given observations, the mean is reduced by 60%. 160.

1.25 2.30 3.30 4.65

161.	Kheda Satyagrah was related to 1. Against the oppressive plantation system 2. Movement of cotton mill workers 3. Relaxation in revenue collection 4. None of the above	n
162.	The first Iron and steel plant was set up in I 1.Bhilai 3.Chennai	ndia at 2.Kolkata 4.Jamshedpur
163.	Architect of national unification of Prussia w 1. Otto Von Bismark 3. Mazzini	vas 2. William I 4. Emmanuel II
164.	What do you mean by "Hind Swaraj"? 1.Political Party of Tilak 3.Symbol of Indian National congress	2.Book of Mahatma Gandhi 4.Political Party of Mahatma Gandhi
165.	The first Historical novel written in Bengal v 1.Chemmin 3.Chomna Dudi	vas 2.Anguriya Binimoy 4.Anandmath
166.	Gandhi-Irwin Pact was held in 1.5 <sup>th</sup> March 1931 3.13 <sup>th</sup> March 1931	2.6 <sup>th</sup> Dec. 1931 4.14 <sup>th</sup> April 1931
167.	Tax lavied by the church comprising 10 <sup>1</sup> t  1. Livre 3. Tithe	h of the agriculture produce was  2. Taille  4. Suffrage
168.	The writer of 'Declaration of the Right of wo 1. Olympe de Gouges 3. Napoleon Bonaparte	omen and citizen is 2.Camille Desmoulins 4.Henry Mayhew
169.	During the first world war Russia was ruled 1.Tsar Nicholas I 3.Tsar Nicholas III	by 2.Tsar Nicholas II 4.Tsar Nicholas IV
170.	Which of the following were known as Axis 1. UK and USA 3. Germany, Italy, Japan	Powers? 2. USSR and UK 4. Germany, Japan, USA
171.	Who decided to partition Bengal in 1905 1. Lord Clive 3. Lord Curzon	2.Lord Bantik 4.Lord Rippen
172.	Which crop takes almost a year to grow? 1. Cotton 3. Rice	2.Jute 4.Sugarcane
173.	Who proclaimed dams as the temple of Mo 1.Jawahar Lal Nehru 3.Rabindra Nath Tagore	dern India? 2.Mahatma Gandhi 4.Subhash Chandra Bose
174.	On which river is Sardar Sarovar Dam built 1. Tapi	? 2. Narmada

Which soil type is made up of Lava Flows? 175. 1. Red Soil 2. Yellow Soil 3. Black Soil 4. Laterite Soil 176. In which state 'Kalpakkam Nuclear Power Plant is situated? 1. Kerela 2. Karnataka 3. Andhra Pradesh 4. Tamil Nadu 177. Maruti Udyog Limited is an example of which type of industry? 1. Joint sector 2. Public sector 3. Private sector 4. Co-operative sector The coriolis force is caused due to 178. 2. Earth rotation 1. Wind movement 3. Cyclonic depression 4. Jet stream 179. Width of two tracks of Broad gauge is 1. 0.610 mts 2. 0.762 mts 3. 1.000 mts 4. 1.676 mts Which one of the following causes rainfall during winter in N.W. parts of India? 180. 1. Cyclonic depression 2. Retreating monosoons 3. Western disturbances 4. South-West monsoon Roof top rain water harvesting is the most common practice in 181. 1. Shillona 2. Guwahati 3. Imphal 4. Patna 182. S.T.P. is the abbreviation of 1. System Tech Park 2. Software Technology Park 3. State Thermal Plant 4. Software Tech Picket 183. 'FEDECOR' is an organization from: 1. India 2. America 3. Japan 4. Bolivia Why was International Monetary Fund established? 184. 1. To maintain peace and security 2. Lends money to the government of member nation when in need 3. To impalement trade agreements 4. To take decision regarding misery and poverty of western countries A person who is not a member of parliament is appointed as a minister he has to get elected 185. to the houses of parliament within 1. A month 2. Three month 3. Six month 4. Stimulated time fixed by the president 186. Finance Bill is introduced only in 1. Loksabha 2. Rajyasabha 3. District Council 4. Legislative Council By whom the "Right to Constitutional Remedies" was considered as the soul and heart of 187. 1. Mahatma Gandhi 2. Dr. Rajendra Prasad 4. Jawahar Lal Nehru 3.B. R. Ambedkar

4. Kaveri

3. Krishna

