STATE LEVEL NATIONAL TALENT SEARCH EXAMINATION, 2017 **MENTAL ABILITY AND SCHOLASTIC APTITUDE TEST**

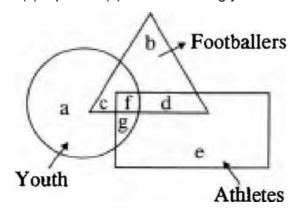
For Class X

Part - I **MENTAL ABILITY TEST**

Questions 1-5 : (Complete the Series
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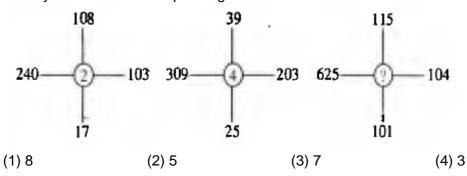
1.	FLP, INS, LPV, ? (1) UHG	(2) ORY	(3) RPO	(4) PSX
2.	D-4, F-6, H-8, J-10, ? (1) M-14	(2) K-13	(3) L-12	(4) S-21
3.	AB, BA, ABD, DBA, F (1) SRQP	PQRS, ? (2) OYRB	(3) RPOS	(4) SXRG
4.	25, 49, 89, 145, 217, (1) 305	? (2) 327	(3) 309	(4) 303
5.	0, 2, 2, 3, 3, 5, 8, 4, 1 (1) 6	0, (?), 5, 17 (2) 7	(3) 9	(4) 15
each s G is be	ide. There are three la etween I and F. H, a la	dy members and they	are not seated next to the left of J. L, a ma	ted around a square table – two on each other. J is between L and F. le number, is seated opposite of E,
6.	Who among the follow (1) F	wing is seated betweer (2) I	n E and H? (3) J	(4) None of these
7.	How many persons a (1) One	re seated between K a (2) Two	and F? (3) Thee	(4) cannot to determined
8.	Who among the follow (1) E, G and J	wing are the three lady (2) E, H and G	members? (3) G, H and J	(4) cannot to determined
9.	Who among the follow (1) G	wing is to the immediat (2) I	te left of F? (3) J	(4) cannot to determined
10.	Which of the following (1) J is a male memb (3) Sex of J cannot be	er	(2) J is a female mem (4) Position of J cann	
11.	Find the letter to be p	laced in '?' of the figure 3 4 5 L 7 P 1 8	e given. 9 6 S 4 ? 2 8 3	
	(1) Q	(2) N	(3) M	(4) R

Which letter(s) represent(s) athletes among youths who are not footballers?



- (1) g
- (2) g and c
- (3) f
- (4) f and d

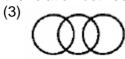
13. Identify the number corresponding to X the '?'.



- 14. Amongst five friends, Lata, Alka, Rani, Asha and Sadhana, Lata is older than only three of her friends. Alka is younger to Asha and Lata. Rani is older than only Sadhana. Who amongst them is the eldest 2
 - (1) Alka
- (2) Lata
- (3) Asha
- (4) Sadhana
- 15. Which of the following diagram/sets indicate the relation between women, mothers and parents?









- 16. Mother was asked how many gifts she had in the bag. She replied that there were all dolls but six, all cars but six, and all books but six. How many gifts had she in all?
 - (1)9
- (2)18
- (3)27
- (4)36
- 17. In a certain code, MONKEY is written as XDJMNL. How is TIGER written in that code?
 - (1) QDFHS
- (2) SDFHS
- (3) SHFDQ
- (4) UJHFS
- 18. If x means +, means x, means + and + means -, then $(3-15 \div 19) \times 8 + 6 = ?$
 - (1) 8
- (2) 4
- (3)2
- (4) 1

Question 19-20: Answer the questions based on the following information.

Six men R, S, T, U, V and W sat around circular table playing cards. It was noticed that no two men, the initial letters of whose names are adjacent in the alphabetical order, sat next to each other. U was opposite of R. V was not to the immediate right of R.

19.	(1) S	(2) T	(3) V	(4) W
20.	Who sat to the imme (1) S	ediate right of R ? (2) T	(3) V	(4) W
21.		then turning right walk		ain and walk 10 m. Then I turn left ht again and walk 60 m. In which
	(1) North	(2) Northwest	(3) East	(4) Northwest
22.		owards East and then of the second sec		Then every time turning to his left, n his starting point? (4) 20 meters
relation		r. You are required to s		the left/right of : : have certain ative so that similar relationship is
23.	MANTEL : NAMLET (1) NAVYIT	::VANITY:? (2) NAVYTI	(3) NAVIYI	(4) AVNTIY
24.	5 : 18 : : ? (1) 30 : 96	(2) 21 : 66	(3) 19 : 61	(4) 11 : 35
25.	Heart : Blood : : Lun (1) Oxygen	g : ? (2) Chest	(3) Purification	(4) Air
26.	APOC : ? : : ITSK : I (1) DRQH	MVUN (2) ERQF	(3) EQRG	(4) DQRH
27.	Engineer : Machine (1) Doctor : Disease (3) Doctor : Hospital		(2) Doctor : Medicine (4) Doctor : Body	
28.	Choose the cube fro	om the options that will ເ	unfold to give the figure	e given below
		4 1 8 3 7 9]	
	9 8	4 1 7	7 8	
	(1)	(2) (3)	(4)	
29.	How many triangles	are there in the figure b	pelow ?	

(3) 8

(4) 10

(2) 6

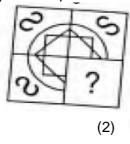
(1) 5

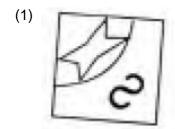
- 30. In the given question choose the correct mirror image from amongst the four alternatives. 50JA32DE06
 - (1) 50 LAS2 DEO 3

(5) 50JA32DE06

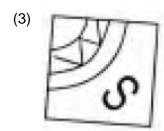
(3) 50JA32DE09

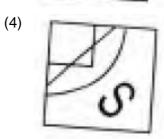
- (4) **5**OLA32DEO6
- 31. Find out the correct image in place of question mark (?) from the given alternatives.





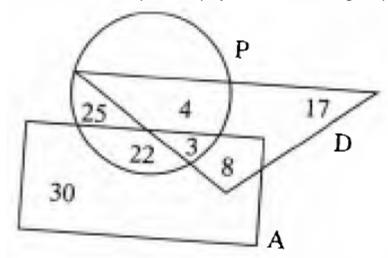






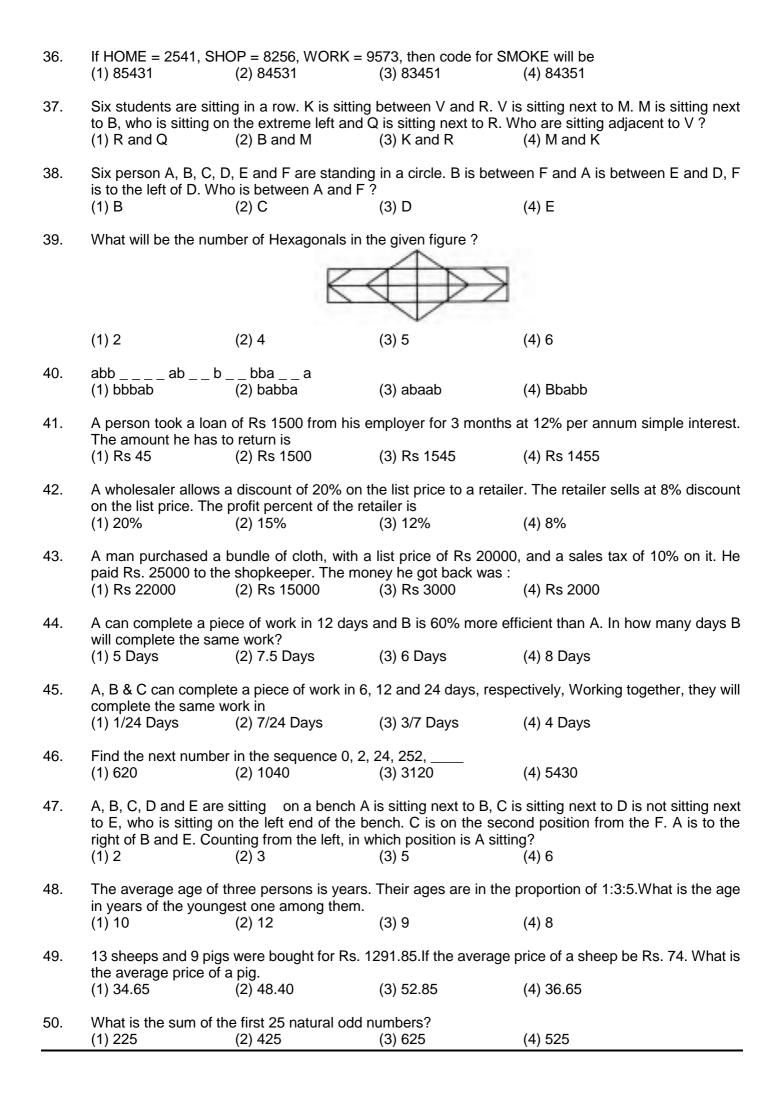
Question 32-35: Study the following figure carefully and answer the questions:

The triangle represents doctors. The circle represents players and the rectangle represents artists.



- 32. How many doctors are both players and artists?
 - (1)6
- (2)8
- (3) 4
- (4) 3

- 33. How many artists are players?
 - (1) 30
- (2)29
- (3)25
- (4) 17
- 34. How many artists are neither players nor doctors?
 - (1)29
- (2) 30
- (3) 22
- (4) 8
- 35. How many doctors are neither players nor artists?
 - (1) 17
- (2)30
- (3) 8
- (4) 19



PART-II SCHOLASTIC APTITUDE TEST II (a) LANGUAGE COMPREHENSION

English

Question 1-5: Read the passage given below and answer the questions that follow.

Alexander Pope was a great English Poet. He belonged to the Augustan Age of English Poetry. He wrote classical poems. He loved to live in solitude. His purpose of life was unique. He hated sociability and friendship. Nothing could give him pleasure than his feeling of independence in respect of the fulfilment of his basic needs. To him, a truly happy man is he who does not have to depend on others for anything. Such a man gets food from the piece of land he inherited, milk from his own herds and fire and shade from his own trees. He enjoys the company of solitude only. He gets plenty of time for work and rest. The poet wanted to live unseen and unknown. He also desired to pass away from the world unnoticed and unlamented.

1.	Alexander Pope was :		
	(1) a great Greek poet	(2) a great French poet	
	(3) a great English poet	(4) a great Urdu poet	
_			

2.	He belonged to :	
	(1) The Elizabethan Age	(2) The Romantic Age
	(3) The Victorian Age	(4) The Augustan Age

J.	(1) in crowd (3) in solitude	(2) at workplace (4) at playground
4	lla batad .	

He leved to live:

4.	He hated :	
	(1) dishonesty	(2) violence
	(3) sociability	(4) dirty places

5.	Pass away means	
	(1) go off	(2) reject.
	(3) die	(4) take no notice

Question 6–10: Read the passage given below and answer the questions that follow.

Once there lived a rich merchant in Baghdad. He had two servants. They were hard - working. So, the merchant liked them very much. One fine morning the merchant opened his safe and found his gold necklace missing. He enquired of the servants about the gold necklace. They denied and expressed their ignorance about it. The merchant was not satisfied and took them to the quazi and put the matter before him. The quazi was a very wise and sensible man. He thought of a plan to find out the thief. He told them, "Look I am giving you both a bamboo stick. They are of equal size. Take them and bring them back tomorrow. The thief's stick will grow two inches in length in the night. At home, one of the servants cut off the bamboo stick by two inches thinking that by tomorrow the stick would be of the same size. The next morning both the servants appeared before the quazi. One of the servants' stick was found shorter. The quazi caught hold of the servant and declared that he was the thief.

acci	area that he was the thier.	
6.	The merchant had: (1) three servants (3) four servants	(2) two servants (4) several servants
7.	The quazi was a very : (1) wise man (3) wicked man	(2) foolish man (4) cunning man

8.	the necklace was made of: (1) silver (3) gold	(2) platinum (4) copper
9.	The merchant took the servants to: (1) the police station (3) the quazi	(2) the court (4) the sarpanch
10.	One servant cut off the stick by : (1) one inch (3) two inches	(2) three inches(4) four inches
		e from a paragraph. The first and the last sentences are es P, Q and R should appear to complete the paragraph.
11.	S1 Gold glitters and attracts every one S2	as gentlemen, but really they are ignoble persons, active
12.	Si Discipline is a training of the mind and ches 2	ersonality.
Questi	on 13-22: Choose the word which best fills t	he blank in the sentences from the four options given :
13.	Bread is made in(1) a factory (3) a bakery	(2) a brewery(4) a printing press
14.	Soldiers live in(1) a prison (3) barracks	(2) a cottage (4) a palace
15.	One who gives message is called : (1) a commander (3) a soldier	(2) a messenger (4) a peon
16.	The tool with a heavy metal head is called: (1) an axe (3) a saw	(2) a hammer (4) a zax

17.	The art of shooting with bows and arrows is (1) warfare (3) archery	called: (2) tournament (4) fencing
18.	The place of burial is called: (1) graveyard (3) gallery	(2) courtyard (4) dockyard
19.	Honey is derived from: (A) honey comb (3) butterfly	(2) flies (4) creature
20.	A person who looks at the dark side of life is (1) an optimist (3) a poet	s called : (2) an artist (4) a pessimist
21.	A book is printed in: (1) a press (3) a library	(2) a hospital (4) a school
22.	A person who writes verses is called : (1) a writer (3) a poet	(2) a singer (4) a player
Quest	ion 23–25 : Select the meaning of the given p	ohrases/idioms:
23.	Black and white (1) in black colour (3) written	(2) clear (4) short
24.	By leaps and bounds (1) shortly (3) speedily	(2) immediately (4) slowly
25.	Fair and square : (1) quickly (3) beautifully	(2) honestly (4) boldly
	ion 26-30: In the following passage there ar	e some blanks with numbers. Fill in the blanks by from given options of each number.
	winter comes, can <u>26</u> be far behind ? Simila on't be <u>27</u> in your <u>28</u> days. Clouds of <u>29</u> will s	rly, if there is misery in life, hapiness will be in the air. catter and there will be <u>30</u> in your life.
26.	(1) summer (3) spring	(2) autumn (4) rainy season
27.	(1) lazy (3) discouraged	(2) furious (4) pessimist
28.	(1) happy (3) dark	(2) hasty (4) bright
29.	(1) rains(3) darkness	(2) anxiety(4) brightness
30.	(1) normalacy(3) satisfaction	(2) peace (4) sunshine

Question 31-35 : Select the word which means the opposite of the given word :		
31.	Light (1) bleak (3) cloudy	(2) darkness (4) foggy
32.	Friend: (1) rival (3) enemy	(2) opponent (4) assistant
33.	Optimism: (1) hope (3) Pessimism	(2) dream (4) wisdom
34.	Clean: (1) small (3) costly	(2) new (4) dirty
35.	Fat: (1) ill (3) thin	(2) short (4) old
Questi	on 36-40 : Select the word which means nea	rly the same as the given word :
36.	Rich: (1) brave (3) learned	(2) wealthy (4) beautiful
37.	Shining: (1) happy (3) red	(2) bright (4) angry
38.	Terror: (1) war (3) horror	(2) noise (4) crime
39.	Theme: (1) song (3) subject-matter	(2) poem (4) object
40.	Retreat : (1) behaviour (3) withdraw	(2) thought (4) cry
Question 41 to 45 : Fill in the blanks with right form of comparatives :		
41.	He isthan I (1) most tall (3) tallest	(2) taller (4) tall
42.	You arethan your brother (1) handsome (3) more handsome	(2) handsomer(4) most handsome
43.	Tom isto John in service (1) more junior (3) junior	(2) juniorer (4) most junior

44.	English isthan any other Europe (1) more rich (3) never	ean language (2) most rich (4) richer
45.	Mt Everest is thepeak of the wo (1) high (3) most highest	orld (2) higher (4) highest
Questi	on 46-50 : Fill in the blanks with suitable Mod	lals:
46.	Welove our country (1) can (3) ought to	(2) will (4) shall
47.	Itrain today (1) Will (3) may	(2) would (4) could
48.	l come in sir ? (1) should (3) may	(2) might (4) can
49.	Every creature die (1) should (3) must	(2) can (4) ought to
50.	Wetake care of our parents (1) will (3) should	(2) shall (4) might

PART-II SCHOLASTIC APTITUDE TEST II (b) OTHER SUBJECTS

(A) SCIENCE DISCIPLINE

Physics

1.	A metallic conductor carries 800 mA current from left to right. It means that (1) 5 x l0 ¹⁸ protons are flowing per sec from left to right (2) 5 x l0 ¹⁸ electrons are flowing per sec from right to left (3) 8 x10 ² electrons are flowing per sec from right to left. (4) 5 x l0 ¹⁸ protons are flowing per sec from left to right & 5 x l0 ¹⁸ electrons are flowing per sec from right to left.				
2.	Ohm's law (I - V/R) is (1) All types of condu (2) Only metallic cond (3) Only semi conduc (4) Only from metallic	actors of electricity ductors of electricity	of electricity		
3.	A copper wire has a resistance will be	resistance of 8 ohm. T	he wire is stretched to	double of its original length. Its new	
	(1) 8 ohm	(2) 16 ohm	(3) 32 ohm	(4) 64 ohm	
4.	A beam of light trave liquid with respect to		ı liquid. Its speed redu	ces by 30%. The refractive index of	
	(1) 10/7	(2) 10/3	(3) 7/5	(4) 4/3	
5.				is liquid falls at interface of liquid & ace so that it suffers total internal	
	(1) 53°	(2) 24°	(3) 15°	(4) 17°	
6.	A beam of light in air is incident upon the smooth plane surface of a piece of flint glass making at angle of 30° with its plane. If the reflected beam and refracted beam are perpendicular to each other what is the index of refraction of flint glass with respect to air?				
	(1) 1/2	(2) $\frac{\sqrt{3}}{2}$	(3) $\frac{2}{\sqrt{3}}$	(4) $\sqrt{3}$	
7.	•			that is 60 cm away from the lens. If t is focal length of the lens? (4) 48 cm	
8.	An electric bulb is match (1) 2Ω	arked (60 W, 120 V). V (2) 30Ω	Vhat is the resistance (3) 240 Ω	of filament of bulb? (4) 720Ω	
9.	A battery whose emf is 40 V has an internal resistance 5 Q. If this battery is connected across a 15 Q resistor (R) what will be voltage drop across resistor (R)? (1) 10 V (2) 30 V (3) 40 V (4) 50 V				
10.		n if bulb B2 burns out also burn out		<u> </u>	

11.	A bar magnet is cut into two equal parts by cutting it very slowly perpendicular to its length. Which of the following is true? (1) Each part will be a bar magnet having two equal and opposite poles same as original magnet. (2) One part will have a N-Pole and other part will have a S-Pole of same strength as original magnet. (3) Each part will be a bar magnet having two equal and opposite poles of strength half of original magnet. (4) None of two parts will be a magnet.							
12.	Which of th (1) Plane r (3) Concav	nirror only.	g cannot form a	a real im	nage for a di (2) Convex (4) All of ab	mirror onl		
13.	Three res	istors of re	sistance $\frac{1}{60}\Omega$,	$\frac{1}{30}\Omega$ &	$\frac{1}{20}\Omega$ are jo	ined in pa	rallel. The equiva	alent resistance of
	combination	n will be		00	20			
	$(1) \ \frac{1}{110} \Omega$		$(2) \frac{1}{10} \Omega$		(3) 110Ω		(4) 10Ω	
				<u>Ch</u>	emistry			
14.	The spectr (1) H	rum of He+	is expected to (2) Li	be simil	lar to that of (3) Na		(4) He	
15.	Which of th (1) H ₃ PO ₃	ne following				n the prep	aration of Grahar (4) H ₂ P ₂ O ₅	n's salt?
16.	- ·	$1H^+ + 6e \rightarrow 2$	2Cr ³ + 7H ₂ O t of K ₂ Cr ₂ O ₇ in (2) M/9	acidic r	medium will I (3) M/12	be	(4) M/6	
17.	For the rea	action A ₂ +	$2B \rightarrow 2AB$, the	followir	ng data were	collected.		
	[A]	[B]		e (mol L	-			
	0.1	0.01		1.5 x 10)-3	-		
	0.1	0.04		6.0 x 10)-3	_		
	0.2	0.01		3.0 x 10)-3	_		
	The total o	rder of the	reaction is			J		
	(1) 1		(2) 2		(3) 3		(4) 4	
18.	The correct relationship between the free-energy change in a reaction and the corresponding equilibrium constant K_c is (1) $\Delta G = RT \ln K_c$ (2) $-\Delta G = RT \ln K_c$ (3) $\Delta G^\circ = RT \ln K_p$ (4) $-\Delta G^\circ = RT \ln K_p$							
19.	-	-	on for the solu (2) $K_{sp} = (xy)^3$				$(4) K_{sp} = x^y y^x S^x$	+ y
20.	In a galvanic cell (1) Electrical energy is converted into chemical energy (2) Chemical energy is converted into electrical energy (3) The anode is the negative and the cathode is the positive (4) Redox reaction does not occur automatically							

21.	The chemical formula of borax is	
	(1) Na ₂ B ₄ O ₇ .10H ₂ O	(2) Na ₂ B ₄ O ₇ .18H ₂ O
	(3) Na ₂ B ₄ O ₇ .4H ₂ O	(4) $Na_2B_4O_7.6H_2O$
22.	Match the List- I and List- II and select the of List I Conversion I. NaCl to Na II. NaCl to Na ₂ SO ₄ III. NaCl to NaOH IV. Na ₂ SO ₃ to Na ₂ S ₂ O ₃ List II Name of Process (i) Castner-Kellner Process (iii) Down Process Which of the following is correctly matched? (1) I-iii, II- iv, III-i, IV-ii (3) I-i, II-ii, III-iii, IV-iv	correct answer using the code given below the Lists. (ii) Spring Reaction (iv) H ₂ SO ₄ ? (2) I-iv, II-ii, III-i, IV-iii (4) I-ii, II-iii, III-iv, IV-i
23.	NaOH reacts with CO at 200°C and 5 atmost (1) CH ₃ CH ₂ COONa (3) HCOONa	spheric pressure to give (2) C ₆ H₅COONa (4) CH₃COONa
24.	The general electronic configuration of the to (1) $(n-1)d^{10}(n+1)s^2$ (3) $(n-1)d^{1-10}np^6ns^2$	transition elements is (2) $(n-1)d^{1-10}(n+1)s^{1-2}$ (4) $(n-1)d^{1-10}ns^{0-2}$
25.	Which of the following is the strongest acid? (1) F ₂ CHCOOH (3) FCH ₂ COOH	? (2) CICH ₂ COOH (4) CI ₂ CHCOOH
26.	Nitrobenzene can be prepared by heating concentrated H ₂ SO ₄ . In this nitrating mixture (1) A base (2) An acid	
	<u>B</u>	<u>iology</u>
27.	Match the items in column I with those in column I A Autotrophic B Conducting tissue C Excretary organ D Pepsin (1) A-III, B- IV, C-II, D-I (3) A-IV, B-II, C-I, D- III	olumn 11 and Select the correct choice Column II I Kidney II Protein III Green Plants IV Xylem (2) A-III. B- IV, C-II, D- II (4) A- II, B- IV, C- III, D-I
28.	Which one of the following is insectivorous (1) Drosera (2) Nepenthes	plant? (3) Both (1) and (2) (4) Hydrilla
29.	In human blood group AB (1) Antibodies are present (3) Antibody a is present	(2) Antibodies are absent(4) Antibody b is present

30.	Honey is made by (1) Male honey bee (3) Worker honey bee	Э	(2) Queen honey bee (4) Both (1) and (2)		
31.	In Mendel's Monohyb (1) 3 : 1	orid cross, the F_2 pheno (2) 1 : 2 : 1	otypic ratio is (3) 2 : 1	(4) 1 : 3 : 1	
32.	Sexually transmitted (1) Measles	disease is (2) T.B	(3) Gonorrhoea	(4) Typhoid	
33.	In ecosystem the flow (1) Unidirectional	v of energy is (2) Bidirectional	(3) Multidirectional	(4) All of these	
34.	Regulation of Sperma (1) Oestrogen	atogenesis is done by (2) L.H	(3) Androgen	(4) None of these	
35.	Which of the following (1) Solar energy	g is renewable resourd (2) Air	e? (3) Petroleum	(4) Water	
36.	Which Vitamin is pres (1) Vitamin A	sent in Golden nee? (2) Vitamin B ₁₂	(3) Vitamin C	(4) Vitamin D	
37.	Aril is edible in which (1) Annona	of the following fruit? (2) Myristica	(3) Litchi	(4) All of these	
38.	Semen is frozen in (1) Liquid nitrogen	(2) Refrigerator	(3) Ice	(4) All of these	
39.	Diploid is (1) Ovum	(2) Polleu	(3) Both (1) and (2)	(4) Zygote	
40.	T- lymphocytes origin (1) Bone marrow	nate from (2) Stomach	(3) Thymus	(4) Liver	

(B) Mathematics

41.	The wheel of a motor (1) 0.44 m	car makes 1000 revol (2) 0.14 m	utions in moving 440 r (3) 0.24 m	n. The diameter of the wheel is (4) 0.34 m
42.	The value of $\frac{(0.03)^2}{0.03}$	$\frac{-(0.01)^2}{-0.01}$ is		
	(1) 0.02	(2) 0.004	(3) 0.4	(4) 0.04
43.	If the sum of two num (1) 40	nbers is 22 and sum of (2) 44	their squares is 404 th (3) 80	nen the product of the number is (4) 88
44.		vill a 500m long train tang train if the speed of (2) 30 sec		Iking with a speed of 3 km/h, in the (4) 45 sec
45.	The area (in sq. cm) (1) 17248	of the largest circle the (2) 784	at can be drawn inside (3) 8624	e a square of side 28 cm is (4) 616
46.	If the cost price of 12	pens is equal to the se	elling price of 8 pens, t	he gain percent is
	$(1) 33\frac{1}{3}\%$	(2) $66\frac{2}{3}\%$	(3) 25%	(4) 50%
47.	respectively?		•	eaves the remainder 25, 55 and 67
	(1) 521	(2) 512	(3) 504	(4) 487
48.	The missing term in to (1) 35	he sequence 0, 3, 8, 1 (2) 30	5, 24,, 48 is (3) 36	(4) 39
49.		est on Rupees 1000 in	2 year at 4% per annu	ım, the interest being compounded
	half yearly is (1) Rs 6360.80	(2) Rs 824.32	(3) Rs 912.86	(4) Rs 828.82
50.	If 70% of the students (1) 1176	s in a school are boys (2) 1008	and the number of girls (3) 1208	s be 504, the number of boys is (4) 3024
51.	The mess charges for Rs 3375 for 25 stude		ys is Rs 6300. In how i	many days will the mess charge be
	(1) 12	(2) 15	(3) 18	(4) 21
52.	If the volume of two control (1) 27:64	cubes are in the ratio 2 (2) 3:4	7:64, then the ratio of t (3) 9 : 16	their total surface area is (4) 3:8
53.	If 1 ³ + 2 ³ + + 10 ³ (1) 1200	= 3025 then 4 + 32 + 1 (2) 12100	108 + + 4000 is equ (3) 12200	al to (4) 12400
54.	What is the square ro (1) $1+2\sqrt{2}$		(3) $\sqrt{2} + \sqrt{7}$	(4) $\sqrt{2} + \sqrt{5}$
55.	7 Oranges are bough (1) Rs 56	nt for Rs 3 .At what rate (2) Rs 60	e per hundred must be (3) Rs 58	sold to gain 33% (4) Rs 57
56.	$\sqrt[3]{1 - \frac{127}{343}}$ is equal to			
	(1) $\frac{5}{9}$	(2) $1-\frac{1}{7}$	(3) $\frac{4}{7}$	(4) $1-\frac{2}{7}$

57.	smallest number?	the ratio 3: 4 . If 5 is subtracted from each .then the ratio will be 2:3 . What is the		
	(1) 15	(2) 18	(3) 20	(4) 24
58.	The present age differ 11 years. How old is	erence between father son now?	and son is 14 years. T	he ratio of their age will be 4:3 after
	(1) 25 yrs	(2) 31 yrs	(3) 30 yrs	(4) 28 yrs
59.	If the side of a squar (1) 56.25%	e is increased by 25% (2) 50%	then, how much prece (3) 12.5%	ent does its area gets increased (4) 156.25%
60.	What is the value of $(1) 0.\overline{6}$	2. 6 – 1. 9 ? (2) 0. 9	(3) 0.7	(4) 0.7
	· ,	, ,	. ,	,

(C) SOCIAL STUDIES AND HUMANITIES

<u>History</u>

61.	Brazil was discovered in – (1) 1500 (3) 1510	(2) 1505 (4) 1515
62.	Magna Carta or The Great Charter was sign (1) 1210 (3) 1220	ed in (2) 1215 (4) 1225
63.	Habeas Corpus Act was passed in? (1) 1679 (3) 1691	(2) 1683 (4) 1697
64.	"Boston Tea Party" incident happened in ? (1) 1770 (3) 1772	(2) 1771 (4) 1773
65.	America was discovered in? (1) 1491 (3) 1493	(2) 1492 (4) 1494
66.	Who is known as "Father of History" ? (1) Mark Antony (3) Herodotus	(2) Nero (4) Homer
67.	What is the name of autobiography of Adolf (1) First Attack (3) My Spirit	Hitler ? (2) Mein Kampf (4) Ray of Hope
68.	The Parliament of Great Britain was formed (1) 1705 (3) 1707	in the year? (2) 1706 (4) 1708
69.	The first news paper in the world was started (1) Japan (3) USA	d by? (2) China (4) India
70.	In which year, first census was conducted in (1) 1884 (3) 1881	India? (2) 1872 (4) 1856
71.	Who was elected the President of Indian Na Surat Split? (1) Dr. Rash Bihari Ghosh (3) Dadabhai Naoroji	tional Congress in the Surat Session 1907 famous for (2) Lala Lajpat Rai (4) Pherozeshah Mehta
72.	Who among the following was the first Indian Congress at Kanpur session of 1925? (1) Sarojini Naidu (3) Nellie Sengupta	(2) Annie Beasant (4) Indira Gandhi

<u>Geography</u>

73.	Cotton is an important agro- the production of this raw m (1) Gujarat, Uttar Pradesh, l (3) Tamilnadu, Kerala, Goa	aterial?	ll raw material. Which row of states is most important ii (2) Maharastra, Tamilnadu, Punjab (4) Karnataka, Odisha, Jharkhand
74.	Which row of states has been important for (1) Kerala, Bihar, Jharkhand (2) Bihar, Uttar Pradesh, West Bengal (3) Rajasthan, Madhya Pradesh, Uttar Prade(4) Uttar Pradesh, Assam, Orissa		, , , , , , , , , , , , , , , , , , ,
75.	Bengal (2) River Damodar directly (pose River Val goes to the Bay pose river valle	ey project benefits the states of West Bengal and
76.	Assertion (A): Most of the of Reason (R): Coal reserves (1) Both A and R are true at (2) Both A and R are true but (3) A is true but R is false (4) A is false but R is true	occur in sedimend R explains A	•
77.	Nanda Devi biosphere is sit (1) Nagaland (3) Tripura	uated in the sta	te of : (2) Arunachal Pradesh (4) Uttarakhand
78.	Barh Super Thermal Power (1) Bihar (3) Rajasthan	station is situat	ed in the state of : (2) Andhra Pradesh (4) Punjab
79.	India is the largest producer (1) Wheat (3) Rice	of:	(2) Maize (4) Milk
80.	Sugar Mills of Bihar are prin (1) Patna and Nalanda (2) Munger and Gaya (3) West Champaran and E (4) Katihar and Purnea		
81.	Which row of the given table Major Port (1) Kandala (2) Mangalore (3) Marrnagao (4) Haldia	e is correct? State Maharastra Karnataka Kerala Odisha	
82.	Which state of India is famo (1) Tripura (3) Bihar	us for Jute texti	le industry? (2) Assam (4) West Bengal

83. Select the correct statement: (1) Contour lines connect the spots of equal height (2) Contour lines help in measuring the height of mountain peak (3) Contour lines help in understanding the Ocean Currents (4) Contour lines help in understanding the nature of rock structure. 84. Which places were first connected by railways in India? (1) Kolkata to Patna (2) Chennai to Rameshwaram (3) Mumbai to Thane (4) Mumbai to Pune Civics 85. In the reference of Right to Information 2005, which of the following institution and its highest information official is not correctly matched? Institution (1) Supreme Court (2) Union Public Service Commission (3) Lok Sabha (4) State's High Court Competent Official (1) The Chief Justice of India (2) The Chairman, Union Public Service Commission (3) The Speaker, Lok Sabha (4) The Chief Justice of High Court 86. To which article of the Indian constitution is the verdict of S. R. Bommai versus Union of India related? (1) Article – 2 (2) Article – 32 (3) Article - 353 (4) Article - 356 87. In the constitution of India the provision related to which of following is not clearly mentioned? (1) Inter State Council (2) All India Service (3) The Contingency Fund of India (4) National Development Council 88. Which of the following does recognize the political parties in India? (1) The Speaker of the Lok Sabha (2) The President (3) The Election Commission (4) The Supreme Court 89. What is a pressure group? (1) A group struggling for power (2) A group struggling for fulfilling its own interest (3) Political Party (4) Private group 90. Of the following what are the main functions of a political party (i) Role of Opposition (ii) To Contest election for getting power (iii) Development of political awareness among the people (iv) formation of the government (1) (i) and (ii) (2) (ii) and (iii) (4) All of the above (3) (ii) 91. What is the objective of Panchayati Raj System? (i) Decentralization of Power (ii) Local participation in the government system (iii) Undemocratization of system (iv) Unitary government (1) (i) and(iii) (2) (1) and (ii) (3) (iii) and (iv) (4) All the above

92.	Which of the following (i) Caste (1) (i) and (iv)	ing factors does affeo (ii) Religion (2) (i) and (ii)	ct the voting behavior of v (iii) Constitution (3) (i), (ii) and (iv)	(iv) Region
		!	<u>Economics</u>	
93.	b. Right to informatc. Human protection	used tor standardiza ion bill was passed ir n act was passed in l ction act was passed		5
94.	The Clay used by a (1) Fixed capital (3) Human capital	potter is which type	of capital (2) Working capital (4) All of the above	
95.		means of transport	as a social indication of (2) Illiteracy Level (4) Lack of job oppo	
96.	The best index to m (1) State Income (3) Political stability	neasure Economic de	evelopment is :- (2) Per capita incom (4) None of the abov	
97.	When did the coope (1) 1901 (3) 1912	eratives begin in Indi	a? (2) 1904 (4) 1915	
98.	Which sector contri (1) Agricultural sect (3) Service sector	butes the highest in l tor	Bihar's income (2) Industrial sector (4) None of the abov	ve
99.	_		nything which is widely ac who gave this definition? (2) Crowther (4) Robertson	ccepted in payment of goods or in
100.	Removing barrier o (1) Liberalisation (3) Favourable trad	•	ne government is called (2) Investment (4) Free trade	