

STATE INSTITUE OF SCIENCE EDUCATION (S.C.E.R.T), PUNJAB, MOHALI

National Talent Search Examination - 2015

State Level Test – 2015

Class - X

MENTAL ABILITY AND SCHOLASTIC APTITUDE TEST

Time: 3 Hours Max. Marks: 200

Instructions for candidates:-

- 1. This exam is in two parts.
- Part-I is related to Mental Ability Test.
- of nine subjects, details of which are given below:-
 - Physics
- ii) Chemistry
- iii) Biology
- iv) Mathematics
- v) History
- vi) Geography
- vii) Civics
- viii) Economics
- ix) English
- 4. Each question carries one mark. All questions are compulsory.
- You have been provided with a answer sheet (OMR) for this question paper. Darken the correct option of each question in the answer sheet (OMR) with black/blueink.
- 6. Rough work may be done on the blank space provided.
- 7. There is no negative marking in this question paper.
- 8. Do not use white fluid on OMR Answer Sheet.

ਉਮੀਦਵਾਰਾਂ ਲਈ ਹਦਾਇਤਾਂ:

- ਇਹ ਪ੍ਰੀਖਿਆ ਦੋ ਭਾਗਾਂ ਵਿੱਚ ਹੈ।
- ਪਹਿਲਾ ਭਾਗ ਮਾਨਸਿਕ ਯੋਗਤਾ ਨਾਲ ਸੰਬੰਧਤ ਹੈ।
- 3. Part-II relates to Scholastic Aptitude Test. It consists 3. ਦੂਜਾ ਭਾਗ ਵਿਸ਼ਿਆਂ ਦੀ ਯੋਗਤਾ ਨਾਲ ਸੰਬੰਧਤ ਹੈ। ਇਸ ਵਿੱਚ ਨੌਂ ਵਿਸ਼ੇ ਹਨ, ਜਿਨ੍ਹਾਂ ਦਾ ਵੇਰਵਾ ਹੇਠ ਦਿੱਤਾ ਹੈ-
 - ਭੌਤਿਕ ਵਿਗਿਆਨ ii)
- ਰਸਾਇਣ ਵਿਗਿਆਨ
 - iii) ਜੀਵ ਵਿਗਿਆਨ
- iv) ਗਣਿਤ
- v) ਇਤਿਹਾਸ
- vi) ਭੂਗੋਲ
- vii) ਨਾਗਰਿਕ ਸ਼ਾਸਤਰ viii) ਅਰਥ ਸ਼ਾਸਤਰ
- ix) ਅੰਗ੍ਰੇਜ਼ੀ
- 4. ਹਰ ਇੱਕ ਪ੍ਰਸ਼ਨ ਦਾ ਇੱਕ ਅੰਗ ਹੈ।ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਜ਼ਰੂਰੀ ਹਨ।
- 5. ਤੁਹਾਨੂੰ ਇਸ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਲਈ ਉੱਤਰ ਸ਼ੀਟ ਦਿੱਤੀ ਗਈ ਹੈ। ਉੱਤਰ ਸ਼ੀਟ (ਓ ਐਮ ਆਰ) ਵਿੱਚ ਪਸ਼ਨ ਦੇ ਸਹੀ ਉੱਤਰ ਨੂੰ ਕਾਲੀ/ਨੀਲੀ ਸਿਆਹੀ ਨਾਲ ਭਰ ਕੇ ਦਰਸਾਓ।
- ਕੱਚਾ ਕੰਮ ਦਿੱਤੀ ਗਈ ਖਾਲੀ ਥਾਂ ਤੇ ਕਰਨਾ ਹੈ।
- 7. ਇਸ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਵਿੱਖ ਰਿਣਾਤਮਕ (ਨੈਗੇਟਿਵ) ਮਾਰਕਿੰਗ ਨਹੀਂ
- 8. ਉੱਤਰ ਸ਼ੀਟ (ਓ ਐਮ ਆਰ) ਉਪਰ ਵਾਸੀਟ ਫਲਿਉਡ ਦੀ ਵਰਤੋਂ ਨਾ ਕੀਤੀ ਜਾਵੇ।

MENTAL ABILITY

Directions (Q.1-2): There is a number series following a pattern. One place is left blank. Find the correct answer from the options.

- 1.
 - (A) 10
- (B) 12
- (C) 14
- (D) 16

- 16, 33, 65, 131, (?), 523 2.
 - (A) 261
- (B) 521
- (C) 613
- (D) 721

- Find the odd number 3.
 - 3, 7, 9, 28, 27, 84, 81, 448, 243
 - (A) 84
- (B) 81
- (C) 28
- (D) 7

Directions (Q.4-5): The letters given below follow a definite pattern. Find out the missing letters to complete the pattern.

- 4. -XYX-XXY-XXX-XX
 - (A) yxyx
- (B) xxxy
- (C) yyyy
- (D) xyxy

- gfe-2g-e22-fe2-gf-22 5.
 - (A) 2f2ge
- (B) e2fg2
- (C) f2g2e
- (D) 2fg2e
- In a certain code language 'INVITED' is written as 'LPWISCA'. How will 'LETTERS' be written 6. in that code language?
 - (A) OUGTDPQ
- (B) OUGTPQ
- (C) OUGTPDQ
- (D) OGUTDPP
- 7. In a certain code language "GREAT" is written as "79512". How will "DOWRY" be written in that code language?
 - (A) 41523
- (B) 46897
- (C) 46597
- (D) 42315

Directions (Q.8-9): What will come in place of question mark(?)

8.

- (A) 3(B) 4 27
 - (C) 5
- (D) 6

9.

- 56 (1)81 17 (A) 9
- (?) 36

(B) 10

- (C) 11
- (D) 12
- 10. Abhijot walks 6 km to the west then he turns to his right and moves 8 km then he turns to his left and moves 9 km then turns to right and moves 12 km. Now in which direction is he from his starting point and how far?
 - (A) 15 NE
- (B) 35 NE
- (C) 25 NW
- (D) 45 SE

Directions (Q.11-12): Read the following information carefully and answer the questions given below. In a certain code "her idea has merit" is written as "falu boo ma", "merit list has been displayed" is written as "go he lu si ma", "her name displayed there" is written as "ya si boo zo", and "name in merit list" is written as " ma ya jho he"

11.	What is the code	for "been"?		
	(A) he	(B) lu	(C) go	(D) si
12.	What is the code f	or "in"?		
	(A) jho	(B) ma	(C) zo	(D) boo
13.	If blue is called red	d, red is called green,	green is called black, a	and black is called white,
	what is the colour	of grass?		
	(A) Red	(B) Black	(C) White	(D) Green
14.	Which of the follo	wing operations will	result in 22?	
	(A) $16+12-8\times13$	÷15	(B) $16-12\times8\div13$	3+15
	(C) $16 \div 12 + 8 - 13$	×15	(D) $16 \times 12 \div 8 + 1$	3-15
15.			and x means +, what is	s the value of
	$125 - 5 \times 10 \div 13 + 2$			
	(A) 129	(B) 127	(C) 149	(D) 150
16.			drilaterals, Polygons?	
	(A)	(B)	(c)	(D)
17.	Select the combin	ation of numbers so t	hat the letters arrange	ed accordingly will from a
	meaningful word			
	R T A	N U E		
	1 2 3	4 5 6		
	(A) 1, 3, 2, 6, 4, 5	(B) 4, 6, 5, 2, 3, 1	(C) 4, 3, 2, 5, 1, 6	(D) 4, 3, 2, 5, 6, 1
18.	Which of the follo	wing words cannot b	e made from the letter	rs given in question.
	TRANSFORM			
	(A) FORT	(B) ROAM	(C) TRAIN	(D) RANSOM
19.	Arrange the given second place.	words in the alphabe	etical order and choose	the word that comes in the
	(A) Reserve	(B) Real	(C) Rest	(D) Repeat
20.	Which will be that	next leap year after	2020?	
	(A) 2026	(B) 2029	(C) 2103	(D) 2024
21.	P, Q, R, S, T, U, V, Y	W are sitting around	table in same order, fo	r group discussion at equal
	distances. Their population of S?	ositions are clockwise	. If V sits in the North,	then what will be the
	(A) East	(B) South-East	(C) South	(D) South-West
22.			od's brother." How is \	/inod related to Yuvraj?
	(A) Brother-in-law	(B) Uncle	(C) Maternal Unc	le (D) Cousin

Directions (Q.23-24): Read the following information and answer the questions given below it.

Anju is older than Manju. Gopal is older than Manju but younger that Anju. Kapil is younger than Ramesh and Manju. Manju is older than Ramesh.

- 23. Who is the oldest?
 - (A) Anju
- (B) Manju
- (C) Kapil
- (D) Gopal

- 24. Whose age is between Gopal and Ramesh?
 - (A) Manju
- (B) Kapil
- (C) Alka
- (D) None of these
- 25. Find out the connection/relation of the given row/columns with each other in some way.

ROWS	COLUMNS						
1	73	12	21	48			
2	121	13	22	136			
3	84	28	46	517			
4	512	87	141	224			

(A) Columns I & II

(B) Columns III & IV

(C) Columns II & IV

(D) Columns II & III

- 26. A tree always has
 - (A) Branches
- (B) Leaves
- (D) Fruits
- (D) Roots
- 27. How many 5's are there in the following number sequence which are immediately preceded by 7 and immediately followed by 6?

755945764598756764325678

- (A) One
- (B) Two
- (C) Three
- (D) Four

Directions (Q.28-29): In these questions one of the rules is applicable, find out the rule and correct alternative

- (A) Multiply the number by 3 and add 3 to the result.
- (B) Subtract twice the number from the square.
- (C) Multiply the number by 5 and subtract 3.
- (D) Add the number to its square.
- 28. 12, 20, 30, 42
- 29. 47, 52, 57, 62
- 30. In the given question symbols do not stand for their actual meaning but indicate some relationship. Understand the relationship and find correct alternative

$$24 + 33 = 99$$

$$40 + 23 = 115$$

$$16 + 25 = 50$$

$$64+13=?$$

(D) 104

Visiting the historical monument, a tourist asked "How old is this monument?" The guide 31. replied" The age of monument was square number two years ago and will be cube after two years. What is the age of historical monument? (A) 343 (B) 216 (C) 123 (D) 66 **Directions (Q.32-34):** Some bricks of the same size have been arranged in a block in figure kept on table. All the exposed faces have been painted with colour. Answer the question given below. 32. How many bricks are there in the figure? (C)46(A) 40 (B) 38 33. How many faces of these bricks kept on the table, have been painted? (B) 84 (C) 8034. How many bricks are there whose only one face is painted? (A) 16 (B) 28 (C) 24(D) 20 35. It was 9:35 am by Sachin's watch, which kept correct time, when Abhinoor informed him that the last bus left the bus stop at 9:25 am Abhinoor's watch is 5 minute fast. The frequency of the bus is every 20 minutes. For how long must Sachin wait to catch the next bus? (A) 15 minutes (C) 25 minutes (D) 5 minutes (B) 10 minutes

Directions (Q.36-37): Find the odd alternative

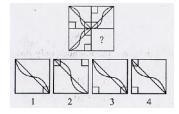
36. (A) 25 (B) 36 (C) 49 (D) 64 37. (A) CEFH (B) MOQS (C) ACEG (D) ZBDF

Directions (Q.38-39): In each of the following questions, there is a relationship between two Letters/Word/Number on the left of the sign (::). The same relationship exists between the two to right of the sigh (::) of which one is missing. Find out the missing from the alternative.

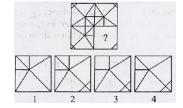
- PI: $\frac{4}{3}$:: DY:? 38. (C) $\frac{6}{5}$ (D) $\frac{2}{5}$
- CIRCLE: RICELC:: SQUARE:? 39. (A) QSUERA (B) QUSERA (C) UQSAER (D) UQSRA
- 40. Gourav is fourteenth from the right end in a row of 40 boys. What is his position from the left end? (A) 27th (B) 26th (C) 25th (D) 24th

Directions (Q.41-42): In these questions problem figure is incomplete. Find correct alternative to complete problem figure.

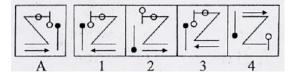
41.



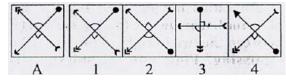
42.



43. Find the mirror image of figure A.

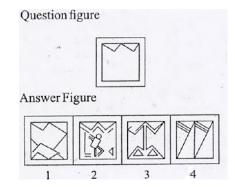


44. Find the water image of figure A.

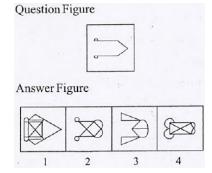


Directions (Q.45-46): In these questions figure is embedded in one of the answer figure. Find the correct one in which it is embedded.

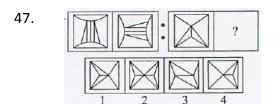


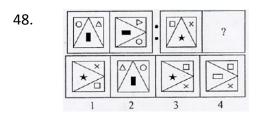






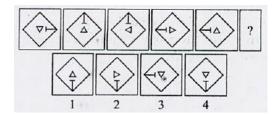
Directions (Q.47-48): In each of the following questions there is a relationship between two figures on the left side of the sign::, The same relationship exists between the two, to the right side of sign::, Find the correct alternative.



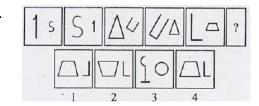


Directions (Q.49-50): The figures in each of the questions follow a series select the figure from the given alternatives which would continue the series.

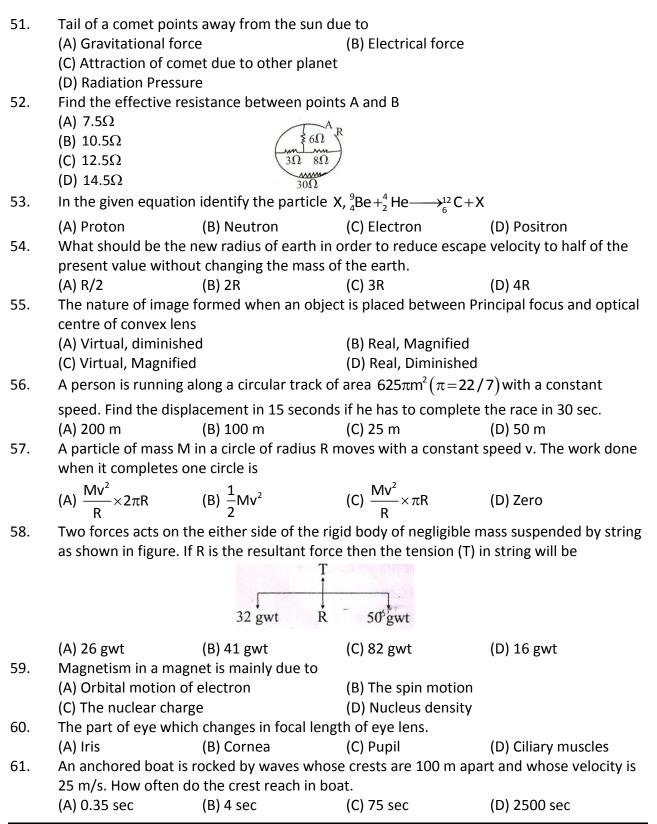
49.



50.



SCHOLASTIC APTITUDE TEST Physics



62.	The atmospheric pres	ssure at the surface of	earth is about.		
	(A) 10^3 N/m^2	(B) 10^5 N/m^2	(C) 10^{-3} N/m ²	(D) 10^{-5} N/m^2	
63.	The electric device w conductor in magnet	hich works on the phe ic field is	nomenon of force on a	a current carrying	
	(A) Generator	(B) Accelerator	(C) Motor	(D) Transformer	
		Chemis	stry		
64.		ng will show Tyndall eff			
	(A) Milk + H ₂ O	(B) Salt + H ₂ O	` '	(D) Alcohol + H ₂ O	
65.				applying high pressure?	
	(A) $N_2O_4(g) = 2NC$	$O_2(g)$	(B) $H_2(g) + Cl_2(g)$	2HCl(g)	
	(C) $PCl_3(g) + Cl_2(g)$	$\operatorname{PCl}_{5}(g)$	(D) $N_2(g) + 3H_2(g)$	$ \downarrow 2NH_3(g) $	
	(A) A	(B) B	(C) C	(D) D	
66.	Non-metals react wit	h oxygen to form or	· Oxides		
	(A) Acidic, Neutral		(B) Acidic, Basic		
	(C) Basic, neutral		(D) Basic, Acidic		
67.	Which sample at STP	has same number of n		(g) has at STP	
	(A) $5g$ of $H_2(g)$	(B) 5L	of methane (g)		
	(C) 5 moles of O ₂ (g)		(D) 5×10^{23} molecules	$s of CO_2(g)$	
68.	Arrange the gases pro	esent in air in increasin	g order of boiling poir	nts.	
	(A) $N_2 < Ar < O_2$	(B) $Ar < N_2 < O_2$	(C) $O_2 < Ar < N_2$	(D) $N_2 < O_2 < Ar$	
69.	How many electrons	are present in 0.1 mol	es of $[PO]_4^{-3}$ ions.		
	(A) 50×6.023 10^{23}		(B) 5×6.023 10^{23}		
	(C) 1×6.023 10^{23}		(D) 3×6.023 10^{23}		
70.	Esters are sweet-sme	lling substances. These	e when treated with N	aOh then:	
	(i) Formation of alcoh	ol and sodium salt			
	(ii) Formation of carb	oxylic acid and water			
	(iii) This reaction is kr	nown as sponification			
	(A) (i) and (ii) are wro	ng	(B) (ii) and (iii) are wr	ong	
	(C) Only (ii) is wrong		(D) Only (iii) is wrong		
71.	_	e according to increas	=	nic radii.	
	(A) $B < Be < Li < C$	(B) $C < B < Be < Li$	(C) $Be < C < B < Li$	(D) $B < C < Be < Li$	
72.		g salt when dissolved	=	give pH less than 7	
	(A) Na ₂ SO ₄	(B) CH ₃ COONa (C) (N	H_4_{2} SO ₄ (D) NaCl		

73.	Match the following:						
	(i) Ant sting	(A) Oxalic	acid				
	(ii) Tomato	(B) Latic a					
	(iii) Tamarind	(C) Metha					
	(iv) Sour Milk (Curd)	(D) Tartar					
	(A) (i)-C, (ii)-A, (iii)-B,	• •	(B) (i)-C, (ii)-A, (iii)	-D. (iv)-B			
	(C) (i)-A, (ii)-C, (iii)-D,		(D) (i)-A, (ii)-C, (iii)				
74.	Which of the followin		correct about α (alpha)				
	experiment.						
			passed straight through	_			
	• •		by the foil by small ang				
	· · · · · · -		ticles appeared to rebo				
	(A) (i) and (iii) are cor	rect	(B) (i) and (ii) are o	correct			
	(C) (i), (ii) and (iii) are	correct	(D) Only (ii) is corr	ect			
75.	Match the following of	correctly:					
	(i) Washing soda	(w) Hygro	scopic substance				
	(ii) Sulphuric Acid (x) Have water of crystallization						
	(iii) Suspension	nsion (y) Coagulation takes place on addition of salt.					
	(iv) Colloid	Colloid (z) Particles settle down on standing					
	$ (A) \mid (w) \mid \mid (x) \mid \mid \mid (y) \mid \lor \lor (z) $						
	(C) I (z) II (y) III (x) IV (w)	(D) I (x) II (z) III (w)) IV (y)			
76.	In an open vessel, the	e liquid keeps on e	vaporating. The particle	es of liquid absorb energy			
	from surrounding to r	egain the energy	ost during evaporation	. This absorption of energy			
	from the surrounding	make the surrour	dings (i) Hot (ii)	Cold (iii) No change in			
	temperature of surro	unding (iv) It depe	nds upon the nature of	liquid.			
	Out of (i), (ii), (iii), (iv)	which is correct to	o fill the above stateme	ent.			
	(A) Only (i) is correct		(B) (i) and (ii) are o	correct			
	(C) (ii) is correct		(D) All are correct				
		В	iology				
77.	Which one of the follo	owing statements	is not true about Darwi	in theory.			
	(A) Rapid Multiplication	=	(B) Struggle for Ex	<u>. </u>			
	(C) Environmental eff			(D) Origin of new species			
78.	The end product of re			•			
	(A) CO ₂ , H ₂ O and ener		(B) Starch and Oxy	/gen			
	(C) Sugar and Oxygen		(D) H ₂ O and energ	=			
79.			energy currency of a ce				
	(A) ATP	(B) ADP	(C) Pyruvate	(D) Glucose			
80.	F ₁ particle or oxysom	• •	· , ,	· ,			
	(A) Endoplasmic retic	•	(B) Chloroplast				
	(C) Mitochondria		(D) Golgi complex				
81.	DNA replication main	ly takes place in	. , ,				
	(A) G ₁ Phase	(B) G ₂ Phase	(C) S Phase	(D) M Phase			

82.	Out of the follow	wing which harmone r	agulatos carbobudratos i	aratain and fat matabalism
82.		wing which normone re as to provide the best b	, ,	orotein and fat metabolism
	(A) Insulin	(B) Thyroxin	(C) Oestrogen	(D) Adrenaline
83.	•	s, if the egg is not fertil	` '	(b) Adrenamic
05.	(A) One day	(B) Three days		(D) Eight days
84.	` '	fungi is made of tough	· · · · ·	(D) Light days
04.	(A) Cellulose	(B) Chitin	(C) Pectin	(D) Lignin
85.	• •	necting link between	(C) i cctiii	(D) Ligillii
05.	(A) Fishes and a	-	(B) Fishes and ann	pelids
	(C) Fishes and n		(D) Fishes and am	
86.			is or brain fever will ente	•
	(A) Sexual Orga			(D) Air
87.		f Impulse in a typical ne	, , ,	(2) /
	(A) Dendron to		(B) Axon to Dendr	on
	(C) Axon to nuc		(D) Axon to medu	
88.	• •	e with Turner's syndro		,
		litional X chromosome		osome with XO
	(C) Exhibits mal		,	
	• •	oduce children with no	rmal husband	
89.		hway of blood in circula		
	(A) Auricles —	→Ventricles — Arte	eries	
	• •	\longrightarrow Auricles \longrightarrow Vei		
	` ,	\longrightarrow Veins \longrightarrow Arteri		
	• •	Ventricles → Auricle		
90.				ells to the affected tissue to
50.			his recruitment process	
	(A) Syphilis	(B) Inflammation	•	(D) SARS
	(, t) 3 y p 1 1 1 1 3	(b) iiiiaiiiiiacioi	(C) Encephancis	(5) 5, 11.5
		Ma	thematics	
01	15 a la a la a tla a .	f:	attaum afan AD than I	the come of this A.D.
91.			st term of an A.P., then t	
	(A) is $\frac{(a-c)(b-c)}{2(b-c)}$	$\frac{-c-2a}{}$	(B) is $\frac{(a+c)(b+c)}{2(b-a)}$	<u>+2a)</u>
	2(b-	-a)	2(b-a)	
	(c) is $(a+c)(b+c)$	-c-2a)		
	(C) is $\frac{(a+c)(b+c)}{2(b-c)}$	- <u>a)</u>		
	(D) Cannot be d	etermined unless some	e more information is giv	ven about the AP.
92.	For what value	of k, $(4-k)x^2 + (2k+4)$	(x+(8k+1)=0) is a perfe	ect square?
	(A) 0	, , , , , , , , , , , , , , , , , , , ,	(C) 0, 3 both	
93.	If one of the zer			1, then product of the other
- - •	two zeroes is			, 1 2 m p. 2 m m m m m m m m m m m m m m m m m m

(A) b-a+1 (B) b-a-1 (C) a-b+1 (D) a-b-1

For how many values of n (where n is an integer), the expression $\frac{8(n^3-3n^2+5)}{3n-4}$ is an 94. integer (A) 8 (B) 4 (C) 11(D) 28 95. In the given figure ABCD is a rectangle and all measurements are in centimeters. Find the area of the shaded region (A) 240 cm² (B) 205 cm² (C) 105 cm² (D) 95 cm^2 If $\tan^2 \phi = (1 - e^2)$ then $\sec \phi + \tan^3 \phi \csc \phi$ is equal to 96. (B) $(2-e^2)^{3/2}$ (C) $(1-e^2)^{3/2}$ (A) $(2+e^2)^{3/2}$ (D) $(1+e^2)^{3/2}$ If a, b, c, d, e are five consecutive odd numbers then their average is 97. (B) $\frac{abcde}{5}$ (A) 5(a+4)(C) 5(a+b+c+d+e) (D) a+498. A number when divided by 342 gives a remainder 47. When the same number is divided by 19, what would be the remainder? (B) 8 (C) 18(D) 11 99. A sphere and a cube have the same surface area. Find out the ratio of the volume of the sphere to that of the cube. (B) $\sqrt{6}:\sqrt{\pi}$ (c) $\sqrt{6}:\pi$ (D) $6:\sqrt{\pi}$ (A) $6:\pi$ ABCD is a square whose vertex A lies on the origin. The coordinates of the mid-point of 100. the diagonal AC are (p/2,1). Find the value of P the area of square ABCD is 20 sq. units (A) ± 6 (B) ± 20 (C) ± 10 (D) ± 36 The set of values of k for which the roots of the equation $3x^2 + 2x + (K-1)K = 0$ are of 101. opposite sign is (A) (0,1)(B) [0,1] The value of $4\sqrt{3} + \sqrt{129 - 72\sqrt{3}}$ is 102. (A) 9√3 (B)9103. In above figure, X is a point in the interior of square ABCD. AXYZ is also a square. IF DY = 3cm, AZ = 2 cm then length of BY is (A) 5 cm (B) 6 cm (C) 7 cm If every side of a triangle is increased 3/2 times of its original length, then the percentage 104. increase in the area of the triangle is (A) 125% (B) 150% (C) 300% (D) 50% If one angle of a rhombus is 60°, then the ratio of the lengths of its diagonals is 105. (A) $\sqrt{6}:1$ (D) $\sqrt{3}:1$ (C) 2:3 (B) 2:1

106.	the side of the largest square that can be inscribed in the triangle is						
	(A) $\frac{16}{3}$	(B) $8\sqrt{3}$ cm	(C) 8√5cm	(D) 8 cm			
107.	If a, b, c, d are the sic radius 'r' of the incirc	= =	ngle, where c is the hy	potenuse, then the			
	$(A) r = \frac{a+b+c}{2}$	$(B) r = \frac{a-b+c}{2}$	(C) $r = \frac{a+b-c}{2}$	(D) $r = \frac{a-b-c}{2}$			
108.				himetic mean of its two e numbers written on			
	(A) 120	(B) 189	(C) 100	(D) 90			
109.		A B					
			lateral ABCD intersect = 5 cm, calculate the a				
	(A) 20cm ²	(B) 12 cm ²	(C) $9\frac{3}{8}$ cm ²	(D) 9.5 cm ²			
110.	Two dice are tossed.	The probability that th	ne total score is a prim	e number is			
	(A) $\frac{1}{6}$	(B) $\frac{5}{12}$	(C) $\frac{1}{2}$	(D) $\frac{7}{9}$			
		Histo	ory				
111.	The act of Union bety	ween England and	resulted in the fo	ormation of the United			
	Kingdom of the Grea						
			(C) Scotland	(D) Jersey			
112.	Who led the Scholar'	s Revolt?	(5) 51				
	(A) Pham Boi Chau	Carana da Larana	(B) Phan Chu Trinh	da a Balia			
112	• •	imperial court	(D) The people of Me	ekong Deita			
113.		signed between Motilal Neł					
		Lord Irwin	ii u				
		B.R. Ambed	lkar				
		Mount bat					
114.		book Diamod Sutra wa					
	(A) AD 686	(B) AD 868	(C) AD 668	(D) AD 866			
115.	How many years did	it take to form Republ	ic of Vietnam?				

(C) 19

(D) 25

(B) 29

(A) 30

116.	Consider the following	ng events of 19	19 A.D.					
	1. Rowlatt Act	2. Hunter Rep		3. Jallianwala Ba	gh M	assacre		
	4. Return of Knightho	ood by Rabindr	anath T	agore				
	Their correct sequen	ice is						
	(A) A, B, C, D	(B) A, C, D, B		(C) B, A, C, D		(D) C, A, B, D		
117.	What was the aim of	temperature n	noveme	nt?				
	(A) Decrease unemp	loyment		(B) Introduce Rei	nt co	ntrol		
	(C) To stop criminal a	=		• •				
	(D) To reduce the co		Icoholic	drinks				
118.	Which French artist	•			g his	dream of a worl	d made	
	up of 'Democratic ar	•		•	_			
	(A) Frederic Sorrieu	•		(B) Andreas Rebr	mann	l		
	(C) Karl Kaspar Fritz			(D) Giuseppe Ma				
	(-)			()				
119.	By the 18 th century,	which of the fo	llowing	commodities were	e pro	duced on large		
			_		-	_		
	plantations in America by slave labour and exported to other countries? (A) Grains such as wheat and barley							
	(B) Tropical fruits such as bananas and oranges.							
	• •	(C) Animal products such as wool and beef.						
	(D) Cash crops such as sugar and cotton.							
120.	By which treaty Clive	_		f Bengal, Bihar and	d Oris	ssa?		
	(A) Treaty of Plassey			eaty of Allahabad				
	(C) Treaty of Bengal			eaty of Baskar				
121.	· · · · · · · · · · · · · · · · · · ·	Jane Eyre?	` ,	,				
	(A) Jane Austen	•	(B) Ch	arlotte Bronte				
	(C) William Hogarta			muel Richardson				
	, ,		` ,					
			Geogra	phy				
			_					
122.	Which of the followi	ng is correct ab	out the	Konkan coastal pl	ain?			
	(A) Stretches from M	lumbai to Goa.						
	(B) Stretches from D	aman to Goa.						
	(C) Stretches from G	oa to Mangalor	·e					
	(D) Stretches from M	_		nari				
123.	Ravi, Jehlum and Che	_	•		?			
	(A) Ganga	(B) Brahampu		(C) Indus		(D) Godavari		
124.	Which state of India	has more perce	entage o	of area under fores	st?	` ,		
	(A) Haryana	(B) Punjab	J	(C) West Bengal		(D) Tripura		
125.	Which of the following		of SAAF		socia		al	
	Cooperation)	5		•		5		
	(A) India	(B) Nepal		(C) Bangla Desh		(D) China		
126.	IN which category do		mounta	, , ,		. ,		
	(A) Block Mountain			(C) Doem Mount	ain	(D) Relict Mour	ntain	
	• •	• •		• •		•		

127.	What is the other name of Mangr	oves?				
	(A) Mountainous Vegetation		(B) Dry Vegetatio	(B) Dry Vegetation		
	(C) Monsoonal Vegetation		(D) Littoral Veget	ation		
128.	Sindri is famous for					
	(A) Fertilizer Industry		(B) Paper Industr	У		
	(C) Silk Industry		(D) Cement Indus	try		
129.	Which soil is formed differently fr	om the o	other three soils?			
	(A) Bhabar (B) Bangar		(C) Regur	(D) Khadar		
130.	Parkland, Steppes, Pampas, Camp categories?	os and V	'eld are kept in whic	ch of the following		
	(A) Mountains (B) Plateaus	S	(C) Deserts	(D) Grassland		
131.	Which of the following fact is cornand Rann of Kachchh?	rect for s	traight line drawn b	etween Arunchal Pradesh		
	(A) 3293 kilometers		(B) 2933 kilomete	ers		
	(C) 2393 kilometers		(D) 2923 kilomete	ers		
132.	Which region normally experience	es the co	nvectional type of r	ainfall?		
	(A) Equatorial Region		(B) North Polar Re	egion		
	(C) South Polar Region		(D) Glaciated Region			
		Civ	ics			
122	How many duties are registered in	n E1st art	icle of Indian Consti	tution by 12 nd amondment?		
133.	How many duties are registered in	n 51 st art				
	(A) 10 (B) 6		(C) 12	(D) 11		
133.134.	(A) 10 (B) 6 The President cannot proclaim Ge		(C) 12 nergency without di	(D) 11		
	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General	eneral En	(C) 12 nergency without di (B) The Cabinet	(D) 11 rective from		
134.	(A) 10(B) 6The President cannot proclaim Ge(A) The Attorney General(C) The Chief Justice of Supreme G	eneral En Court.	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elec	(D) 11 rective from		
	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General Provision of President's Emergence	eneral En Court.	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is taken from the c	(D) 11 rective from ction Commissioner. constitution of		
134. 135.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General (Provision of President's Emergence (A) South Africa (B) Ireland	eneral En Court. cy power	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is is taken from the (C) Germany	(D) 11 rective from ction Commissioner. constitution of (D) Australia		
134.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General (Provision of President's Emergency (A) South Africa (B) Ireland (B) Who decides whether a particular	eneral En Court. cy power	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect s is taken from the ((C) Germany oney Bill or an Ordi	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one		
134. 135.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme (Provision of President's Emergency (A) South Africa (B) Ireland Who decides whether a particular (A) The President	eneral En Court. cy power	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is is taken from the c (C) Germany loney Bill or an Ordi (B) The Finance M	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one		
134.135.136.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General (A) South Africa (B) Ireland Who decides whether a particular (A) The President (C) The Speaker of Lok Sabha	eneral En Court. cy power	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect s is taken from the ((C) Germany oney Bill or an Ordi	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one		
134. 135.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme (Provision of President's Emergency (A) South Africa (B) Ireland Who decides whether a particular (A) The President	eneral En Court. cy power	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is is taken from the c (C) Germany loney Bill or an Ordi (B) The Finance M	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one dinister nister		
134.135.136.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme (C) Provision of President's Emergency (A) South Africa (B) Ireland Who decides whether a particular (A) The President (C) The Speaker of Lok Sabha Match the following:	eneral En Court. cy power r Bill is M	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is is taken from the c (C) Germany loney Bill or an Ordi (B) The Finance M (D) The Prime Min	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one dinister nister		
134.135.136.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General (A) South Africa (B) Ireland Who decides whether a particular (A) The President (C) The Speaker of Lok Sabha Match the following: A. West Bengal	eneral En Court. cy power r Bill is M	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is is taken from the c (C) Germany oney Bill or an Ordi (B) The Finance M (D) The Prime Min	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one dinister nister ic Party		
134.135.136.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General (A) South Africa (B) Ireland Who decides whether a particular (A) The President (C) The Speaker of Lok Sabha Match the following: A. West Bengal B. Uttar Pradesh	eneral En Court. cy power r Bill is M 1. 2.	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect s is taken from the c (C) Germany oney Bill or an Ordi (B) The Finance M (D) The Prime Min United Democrat Muslim League	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one dinister nister ic Party		
134.135.136.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General (A) South Africa (B) Ireland Who decides whether a particular (A) The President (C) The Speaker of Lok Sabha Match the following: A. West Bengal B. Uttar Pradesh C. Meghalaya	eneral En Court. cy power r Bill is M 1. 2. 3. 4.	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect s is taken from the c (C) Germany oney Bill or an Ordi (B) The Finance M (D) The Prime Min United Democrat Muslim League Rashtriya Lok Dal Forward Block	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one dinister nister ic Party		
134.135.136.137.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme G Provision of President's Emergenc (A) South Africa (B) Ireland Who decides whether a particular (A) The President (C) The Speaker of Lok Sabha Match the following: A. West Bengal B. Uttar Pradesh C. Meghalaya D. Kerala	eneral En Court. cy power r Bill is M 1. 2. 3. 4. e size of	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is is taken from the cool (C) Germany loney Bill or an Ordi (B) The Finance N (D) The Prime Min United Democrat Muslim League Rashtriya Lok Dal Forward Block the ministry to	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one dinister nister ic Party		
134.135.136.137.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General (A) South Africa (B) Ireland Who decides whether a particular (A) The President (C) The Speaker of Lok Sabha Match the following: A. West Bengal B. Uttar Pradesh C. Meghalaya D. Kerala Amendment Act of 2003 limits the	eneral En Court. cy power r Bill is M 1. 2. 3. 4. e size of ative Ass	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is is taken from the c (C) Germany oney Bill or an Ordi (B) The Finance M (D) The Prime Min United Democrat Muslim League Rashtriya Lok Dal Forward Block the ministry to	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one dinister nister ic Party		
134.135.136.137.	(A) 10 (B) 6 The President cannot proclaim Ge (A) The Attorney General (C) The Chief Justice of Supreme General (C) The Chief Justice of Supreme General (C) The Chief Justice of Supreme General (A) South Africa (B) Ireland Who decides whether a particular (A) The President (C) The Speaker of Lok Sabha Match the following: A. West Bengal B. Uttar Pradesh C. Meghalaya D. Kerala Amendment Act of 2003 limits th (A) 15% of the length of the legisl	eneral En Court. cy power r Bill is M 1. 2. 3. 4. e size of ative Ass	(C) 12 nergency without di (B) The Cabinet (D) The Chief Elect is is taken from the c (C) Germany oney Bill or an Ordi (B) The Finance M (D) The Prime Min United Democrat Muslim League Rashtriya Lok Dal Forward Block the ministry to embly.	(D) 11 rective from ction Commissioner. constitution of (D) Australia nary one dinister nister ic Party		

139.	(A) Union list has 47 subjects, State list has 97 subjects, concurrent list has 66 subjects(B) Union list has 66 subjects, State list has 47 subjects, concurrent list has 97 subjects(C) Union list has 97 subjects, State list has 66 subjects, concurrent list has 47 subjects						
140.	 (D) Union list has 47 subjects, State list has 66 subjects, concurrent list has 97 subjects. Who cannot participate in the electoral process of Vice President? (A) Elected members of Lok Sabha. (B) Elected members of Rajya Sabha. (C) Elected members of Legislative Assembly. (D) Nominated members of Lok Sabha & Rajya Sabha. 						
141.	There are					jab.	
	(A) 13	 (B) 14		(C) 1		(D) 15	
142.	Naturalised Citize	nship cannot be	acquired	l by			
	(A) Long stay	(B) Adoptio	n	(C) J	us-Sanguinis	(D) Conque	est
			Econo	mics			
143.	What is marginal	• •	•	•			
	(A) $\frac{\Delta Y}{\Delta C}$	(B) $\frac{\Delta S}{\Delta Y}$	(C) $\frac{\Delta}{\Delta}$	<u>Y</u> S	(D) $\frac{\Delta C}{\Delta Y}$		
144.	Workers in the sector do not produce physical goods.						
	(A) Primary Secto	r		(B) S	econdary sec	ctor	
	(C) Tertiary Secto	r		(D) F	inal Sector		
145.	To grow more tha	an one crop on a	-			is known as	
	(A) Kharif crop		(B) M	-	Cropping		
	(C) Rabi Crop				Good Crop		
146.	Who is the chairn		_				
	(A) N.S.S.O	(B) Chief-M			resident	(D) Prime N	Minister
147.	Factors of produc		rice is giv				
	I. Land Wag				apital Re		
	III. Labour In			IV. E	ntrepreneur	Profit	
	Which matching i	· ·		(0)		(5) II III II	-
4.40	(A) I, II, IV	(B) II, III, IV	l 11 11.		, , 	(D) II, III, IV	
148.	From the following	• •				ies	
	(A) Production, Co						
	(B) Production, Consumption, Exchange, Distribution.(C) Production, Consumption, Exchange, Social Service.						
	• •	•					
1.40	(D) Consumption,	-			service.		
149.	On the basis of ov			•			
	(A) Capitalistic, So		=	-			
	(B) Socialistic, Mix (C) Capitalistic, So	•	-				
	• • •		•				
	(D) Mixed, Developed, Developing-Economy						

- 150. In India who directly controls the "Monetary Policy"?
 - (A) Finance Department of India
 - (B) Reserve Bank of India
 - (C) State Bank of India
 - (D) Prime Minister of India

LANGUAGE TEST English

Directions (Q.151-155): Read the comprehension passage and answer the following questions:

At this stage of civilization, when many nations are brought in to close and vital contact for good and evil, it is essential, as never before, that their gross ignorance of one another should be diminished, that they should begin to understand a little of one another's historical experience and resulting mentality. It is the fault of the English to expect the people of other countries to react as they do, to political and international situations. Our genuine goodwill and good intentions are often brought to nothing, because we expect other people to be like us. This would be corrected if we knew the history, not necessarily in detail but in broad outlines, of the social and political conditions which have given to each nation its present character.

- 151. According to the author 'Mentality' of a nation is mainly product of its......
 - (A) Present character
- (B) International position

(C) Politics

- (D) History
- 152. The character of a nation is the result of its...
 - (A) Gross ignorance

- (B) Cultural heritage
- (C) Socio-political conditions
- (D) Mentality
- 153. The need for a greater understanding between nations...
 - (A) Is more today than ever before
 - (B) Was always there
 - (C) Is no longer there
 - (D) Will always be there
- 154. Englishmen like others to react to political situations like....
 - (A) Others

(B) Us

(C) Themselves

- (D) Each other
- 155. According to the author his countrymen should...
 - (A) Read the story of other nations
 - (B) Not react to other actions
 - (C) Have a better understanding of other nations
 - (D) Have vital contacts with other nations

Directions (Q.156-162): Read the comprehension passage and answer the following questions:

Marie curie was one of the most accomplished scientists in history. Together with her husband, Pierre, she discovered radium, and element widely used for treating cancer, and studied uranium and other radioactive substances. Pierre and Marie's amicable collaboration later helped to unlock the secrets of the atom.

Marie was born in 1867 in Warsaw, Poland, where her father was a professor of Physics. At an early age, she displayed a brilliant mind and blithe personality. Her great exuberance for learning prompted her to continue with her studies after high school. She became disgruntled, however, when she learned that the university in Warsaw was closed to women, Determined to receive a higher education, she defiantly left Poland and in 1891 entered the Sorbonne, a French university, where she earned her master's degree and doctorate in Physics.

Marie was fortunate to have studies at the Sorbonne with some of the greatest scientists of her day, one of whom was Pierre Curie. Marie and Pierre were married in 1895 and spent many productive years working together in the physics laboratory. A short time after they discovered radium, Pierre was killed by horse drawn wagon in 1906. Marie was stunned by this horrible misfortune and endured heartbreaking anguish. Despondently she recalled their close relationship and joy that they had shared in scientific research. The fact that she had two young daughters to raise by herself greatly increased her distress.

Curie's feeling of desolation finally began to fade when she was asked to succeed her husband as a Physics professor at the Surbonne. She was the first woman to be given Professorship at the world famous university. In 1911 she received the Noble prize in chemistry for isolating radium. Although Marie Curie eventually suffered a fatal illness from her long exposure to radium, she never become disillusioned about her work, Regardless of the consequence, she had dedicated herself to science and to reveling the mysteries of the physical world.

156.	The Curies	collaboration helped t	o unlock the secrets of the atoms.		
	(A) Friendly		(B) Competitive		
	(C) Courteous		(D) Industrious		
157.	Marie had a brig	ght mind and a pe	rsonality.		
	(A) Strong		(B) Lighthearted		
	(C) humorous		(D) Strange		
158.	When she learne	ed that she could not atter	nd the university in Warsaw, she felt		
	(A) Hopeless		(B) Annoyed		
	(C) Depressed		(D) Worried		
159.	Marie by	y leaving Poland and travel	ing to France to enter the Sorbonne.		
	(A) Challenged a	uthority	(B) Showed intelligence		
	(C) Behaved		(D) Was distressed		
160.	she ren	nembered their joy togeth	er.		
	(A) Dejectedly		(B) Worried		
	(C) Tearfully		(D) Happily		

161.	Her began to fade when she returned to the Sorbonne o succeed her h				
	(A) Misfortune	(B) Anger			
	(C) Wretchedness	(D) Disappointment			
162.	Even though she became fatall	y ill from working with radium, Marie Curie was never			
	(A) Troubled	(B) Worried			
	(C) Disappointed	(D) Disturbed			

Directions (Q.163-167): Read the comprehension passage and answer the following questions:

Waste management are a set of activities that include collection, transportation, treatment and disposal of waste material. There are four methods of managing waste. The first one is Recycling which means turning waste into new material but some argue that collecting, processing and converting waste uses more energy than land filling. The second method Land filling is compacting garbage and burning it in a hole. Large levers are placed in the bottom of landfills to avoid toxic garbage juice to go into ground water but these levers always don't work. Composting, the third method is piling up of organic matter and decomposing it to make the soil rich but plastic garbage makes it hard to compost on a large scale. The last method Incinerate waste can be done either by creating or harvesting a fuel and burning it or by burning the waste directly. Unfortunately burning garbage pollutes the air.

- 163. What is the main purpose behind the author's writing this?
 - (A) To convince the readers to recycle and compost
 - (B) To persuade readers that recycling is a waste of resources.
 - (C) To compare and contrast recycling and land filling.
 - (D) To inform readers of methods of waste management.
- 164. Why composting is not feasible on a large scale?
 - (A) People wouldn't want to touch all of that gross rotting food.
 - (B) It would smell too bad in densely populated cities
 - (C) It would attract rodents that would spread disease
 - (D) Plastic would get into the compost and turn it into a pollutant
- 165. What of the following expresses the best meaning of the word 'compacted'?
 - (A) Garbage is burned before it is thrown in a hole
 - (B) Garbage is put in trucks before it is thrown in a hole
 - (C) Garbage is crushed before it is thrown in a hole
 - (D) Garbage is put in a can before it is thrown in a hole
- 166. What expresses the main idea in the second paragraph?
 - (A) Land fills take up a lot of space.
 - (B) Composting is good for the soil but it can be hard to do
 - (C) The process of composting is very complicated and scientific.
 - (D) There is lot of plastic garbage in landfills

- 167. Which conclusion could be best supported with text from the passage?
 - (A) Each method of waste management has its draw backs.
 - (B) Recycling is without a doubt the best way to handle waste.
 - (C) Incineration is the best way to process waste.
 - (D) All large cities should create massive compost piles.

Directions (Q.168-169): The following six sentences come from a paragraph. The first and the last sentences are given. Choose the order in which the four sentences (PQRS) should appear to complete the paragraph.

168.	S1: In 1945, America faced two powerful enemies in the world war.								
	S2:								
	S3:								
	S4:	S4:							
	S5:								
	S6:								
	S6: T	his was the w	eapon th	at ended th	e second V	Vorld War.			
		merica found					them.		
	Q: Tł	nese were Ge	rmany ar	id Japan who	o posed str	ong oppositi	ion to Am	erica.	
	R: Th	e result of th	is was the	e production	n of the ato	om bomb.			
	S: Th	e governmen	t ordered	the scienti	sts to cond	uct research	and prod	uce a new dea	dly
	weap	oon.							
	The	proper seque	nce shou	ld be					
	1.	QPRS	2.	QPSR	3.	PQRS	4.	PQSR	
169.	S1: V	Ve are what o	our thoug	hts have ma	ide us.				
	S2:								
	S3:								
	S4:	S4:							
	S5:	S5:							
	S6:	S6:							
	S6: If good impressions prevail, the character becomes good, if bad it becomes bad.								
	P: And so take care of what you think.								
	Q: Every man's character is determined by the sum total of these impressions.								
	R: Every work we do, every thought that we think, leaves an impression on the mind-stuf								
	S: Th	ought lives, t	hey trave	l far.					
	The	proper seque	nce shou	ld be					
	1.	SPRQ	2.	RQSP	3.	PRSQ	4.	RQPS	

Directions (Q.170-171): The following questions have the second sentence missing. Choose the appropriate sentence from the given options to complete it. 170. A smoke oozed up between the planks. C Everyone now knew there was fire in board. (A) People stayed wherever they were to enjoy the scene. (B) Flames broke out here and there. (C) People were ready to go for sky diving. (D) It was a mesmerizing site. 171. A- When a satellite is launched, the rocket begins by going slowly upwards through the air. C However the higher it goes, the less air it meets. (A) As a result there is less friction. (B) Consequently, the rocket does not become too hot. (C) As a result the atmosphere become thinner. (D) As the rocket goes higher, it travels faster. **Directions (Q.172-180):** Choose the word which best fills the blank from the four options given below. 172. The terrorists were arrested for their ----- activities (A) Subservient (B) Subordinate (C) Subsidiary (D) Subversive 173. The role of Zoo is preserve ----- animals. (A) Extinct (B) Common (C) Rare (D) Dead The manner in which bombs exploded in five trains within a short span of time suggested that it was part of a -----(A) Game (B) Villainy (C) Conspiracy (D) Sabotage The non-cooperative attitude of the members can only ----- the image of the society. 175. (A) Improve (B) Degrade (C) Defame (D) Spoil 176. The volcanic ----- was cause of great devastation. (A) Outburst (B) Eruption

(D) Movement

(B) Observing

(D) Quoting

----- Eye-witness, the news reporter gave a graphic description of how fire broke out.

(C) Erosion

(C) Seeing

(A) Reporting

177.

178.	Diseases are thro	ough contact with infe	cted animals. (B) Transported							
	(C) Transferred		(D) Transplanted							
179.	The Prime Minister the states that the unrevised policy was not meant to infringupon their rights.									
	(A) Assured		(B) Declared							
	(C) Attributed		(D) Suggested							
180.	He friends has c	ome back.	(, , , ,							
	(A) And his		(B) Along with his							
	(C) or his		(D) along with them							
Directions (Q.181-182): Choose the appropriate phrasal verb to complete the sentences.										
181.	1. Has the advertising agency the new promotional material yet?									
	(A) Dropped off		(B) Dropped in							
	(C) Dropped out		(D) Dropped by							
182.		to billboards and use more double page spreads instead.								
	(A) Back off		(B) Come down with							
	(C) Cut back on		(D) Drop off							
	Directions (Q.183-184): In the following passage there are some numbered blanks. Fill in the blanks by selecting the most appropriate word for each blanks from the given options:									
Jamshedji Tata is 183 to be the path-finder of modern industrial builders. He is known as the grandfather of the Indian industry for his acumen and enthusiasm. Nobody else could have 184 of the new industries started by Jamshedji at that time when industrial 185 and revolution was yet to come to India. Jamshedji's father Nasarvanji Tata used to trade in jute with China and Britain. He started 186 from India. Jamshedji started a cloth mill in Nagpur more than hundred years ago. At that time almost all the 187 used to come from Lancashire in England. What Jamshedji 188 was praiseworthy.										
183.	(A) Reward	(B) Agreed	(C) Empowered	(D) Considered						
184.	(A) Absolved	(B) Thought	(C) Ventured	(D) Set						
185.	(A) Imports	(B) Acts	(C) Machinery	(D) Awakening						
186.	(A) Export	(B) Industries	(C) Import	(D) Trade						
187.	(A) Goods	(B) Imports	(C) Cloth	(D) Machines						
188.	(A) Did	(B) Dreamt	(C) Agreed	(D) Told						
Directions (Q.189-195): Select the meaning of given phrases/idioms from the given options.										

(B) Live near to each other

(D) In love

Real friends never leave us alone in close quarters.

(A) Close examination

(C) Live far to each other

189.

190.	One the eve of inspection everything was ki	ept in <u>appie pie order.</u>								
	(A) In random order	(B) Related to fruits p	acking							
	(C) Related to dry fruits packing.	(D) In perfect order.								
191.	To have passed with <u>'flying colours'</u>									
	(A) Has excelled in art	(B) Has got mediocre	grades							
	(C) Has just scraped through	(D) Has done very we	II							
192.	Reenu is very popular for her above board of									
	(A) Boasting person	(B) Honest and straig	ht forward							
	(C) A man with arrogance	(D) A dishonest perso	on							
193.	Once in blue moon, we meet each other.									
	(A) Frequently	(B) Hardly ever								
	(C) Very seldom indeed	(D) In the light of a bl	ue moon.							
194.	The officer took him to task.									
	(A) Promoted him	(B) Rebuked him								
	(C) Dismissed him	(D) Praised him								
195.	Why do you wish to tread on the toes?									
	(A) To give offence to them									
	(B) To follow them grudging									
	(C) To treat them indifferently									
	(D) TO be kicked by them									
Directi	ons (Q.196-197): Choose the correct antony	ms for the underlined	words.							
400										
196.	I want to <u>pursue</u> my studies	(=) = 1								
	(A) Prolong	(B) Discontinue								
407	(C) Continue	(D) Discomfort								
197.	The student's constant and <u>diligent</u> efforts		cess.							
	(A) Lucky	(B) Constant								
	(C) Lazy	(D) Slow								
Divocti	ione (O 109 200). Chance the correct super	uma far tha undarlinas	words							
Directi	ons (Q.198-200): Choose the correct synony	ms for the underlines	words.							
198.	He changed his statement so many times th	nat his antira massaga	hocamo ambiguous							
130.	(A) Clear (B) Impressive	(C) Unimpressive	(D) Unclear							
199.	Don't live under the <u>fallacy</u> that luck will for	• •	(D) Officieal							
133.	(A) Wrong belief (B) Weakness	(C) Pleasure	(D) Right belief							
200.	Quarrelling people created a lot of <u>cacopho</u>	• •	· · ·							
200.	(A) Bitterness (B) Noise	(C) Hearing	(D) Fighting							
	(D) NOISE	(C) Hearing	(D) Highling							

FIITJEE Answer Key

National Talent Search Examination – 2015

State Level Test – 2015 Class – X MENTAL ABILITY AND SCHOLASTIC APTITUDE TEST

MENTAL ABILITY

1.	D	2.	Α	3.	Α	4.	В	5.	D	6.	D	7.	С
8.	D	9.	ABCD	10.	С	11.	С	12.	Α	13.	В	14.	D
15.	В	16.	Α	17.	С	18.	С	19.	D	20.	D	21.	D
22.	С	23.	Α	24.	Α	25.	D	26.	D	27.	Α	28.	D
29.	С	30.	D	31.	С	32.	С	33.	В	34.	D	35.	D
36.	D	37.	Α	38.	D	39.	D	40.	Α	41.	В	42.	Α
43.	Α	44.	В	45.	ABCD	46.	ABCD	47.	D	48.	Α	49.	D
50.	D												
SCHOLASTIC APTITUDE TEST													
						PHYS	ICS						
51.	D	52.	ABCD	53.	В	54.	D	55.	С	56.	D	57.	D
58.	С	59.	В	60.	D	61.	В	62.	В	63.	С		
						CHEMIS	SIRY						
64.	Α	65.	Α	66.	Α	67.	В	68.	Α	69.	В	70.	С
71.	В	72.	C	73.	В	74.	В	75.	В	76.	C	70.	C
, 1.	D	, 2.	C	73.	Ь	7 - 7 -	D	73.	Ь	70.	C		
BIOLOGY													
77.	С	78.	Α	79.	Α	80.	С	81.	С	82.	В	83.	Α
84.	В	85.	D	86.	В	87.	Α	88.	В	89.	Α	90.	В

MATHEMATICS													
91. 97. 104.	C ABCD A	92. 98. 105.	C A D	93. 99. 106.	A B A	94. 100. 107.	A A C	95. 101. 108.	C A D	96. 102. 109.	B B C	103. 110.	C B
HISTORY													
111. 118.	C A	112. 119.	C D	113. 120.	C B	114. 121.	B B	115.	Α	116.	В	117.	D
GEOGRAPHY													
122. 129.	A C	123. 130.	C D	124. 131.	D B	125. 132.	D A	126.	В	127.	D	128.	Α
	CIVICS												
133. 140.	ABCD C	134. 141.	B A	135. 142.	C C	136.	С	137.	В	138.	Α	139.	С
ECONOMICS													
143. 150.	B B	144.	С	145.	В	146.	D	147.	С	148.	В	149.	С
LANGUAGE TEST ENGLISH													
151.	D B	152. 159.	C	153. 160.	A	154. 161.	C C	155. 162.	C C	156. 163.	A	157. 164.	B D
158. 165.	С	159. 166.	A B	160. 167.	A A	161. 168.	В	162. 169.	A	103. 170.	D B	104. 171.	D
172.	D	173.	C	174.	C	175.	D	176.	В	177.	D	178.	A
179.	A	180.	В	181.	В	182.	C	183.	D	184.	В	185.	D
186.	Α	187.	С	188.	Α	189.	Α	190.	D	191.	D	192.	В
400	_	404	_	40=		400	_	40-	_	400	_	400	

196.

В

193.

200.

C

В

194. B

195. A

197. C

198. D

199.

Α