STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING (S.C.E.R.T), PUNJAB, MOHALI

National Talent Search Examination - 2017

State Level Test - 2017

Class - X

MENTAL ABILITY AND SCHOLASTIC APTITUDE TEST

Instructions for candidates:-

Time: 3 Hours

1. This exam is in two parts.

2. Part-I is related to Mental Ability Test.

3. Part-II relates to Scholastic Aptitude Test. It consists 3. ਦੂਜਾ ਭਾਗ ਵਿਸ਼ਿਆਂ ਦੀ ਯੋਗਤਾ ਨਾਲ ਸੰਬੰਧਤ ਹੈ। ਇਸ ਵਿੱਚ of nine subjects, details of which are given below:-

Physics

ii) Chemistry

iii) Biology

Mathematics iv)

v) History

Geography vi)

vii) Civics

viii) Economics

ix) English

4. Each question carries one mark. All questions are compulsory.

- 5. 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 ਪੀਖਿਆ ਦੋ ਭਾਗਾਂ ਵਿੱਚ ਹੈ।

ਪਹਿਲਾ ਭਾਗ ਮਾਨਸਿਕ ਯੋਗਤਾ ਨਾਲ ਸੰਬੰਧਤ ਹੈ।

ਨੌਂ ਵਿਸ਼ੇ ਹਨ, ਜਿਨ੍ਹਾਂ ਦਾ ਵੇਰਵਾ ਹੇਠ ਦਿੱਤਾ ਹੈ-

ਭੌਤਿਕ ਵਿਗਿਆਨ ii)

ਰਸਾਇਣ ਵਿਗਿਆਨ

Max. Marks: 200

iii) ਜੀਵ ਵਿਗਿਆਨ

iv) ਗਣਿਤ

v) ਇਤਿਹਾਸ

vi) ਭੂਗੋਲ

vii) ਨਾਗਰਿਕ ਸ਼ਾਸਤਰ viii) ਅਰਥ ਸ਼ਾਸਤੇਰ

ix) ਅੰਗੇਜ਼ੀ

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 ਪ੍ਰਸ਼ਨ 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 ਹੈ।

8. ਉੱਤਰ ਸ਼ੀਟ (ਓ ਐਮ ਆਰ) ਉਪਰ ਵਾਸੀਟ ਫਲਿਉਡ ਦੀ ਵਰਤੋਂ ਨਾ ਕੀਤੀ ਜਾਵੇ।

Mental Ability

(B) 20

Direction Question (1-4) There is a number series following a pattern one place is left blank. Find the answer among the options.

- 1. 87, 56, 30, (A) 26 (C) 12

Direction Questions (5-6) Find the missing term in place of question mark.

5.

38	22	69
34	23	27
28	14	,

(A) 46 (C) 23 (D) 99

6.

- (A) 121 (C) 3 (B) 64 (D) 1
- 7. In a certain language 'NAME' is written as 'OYPA' then how will 'TEAM' be coded in that language?
 - (A) UCDF (B) UCDH (C) UCDN (D) UCDI
- 8. If MINERAL is written as QRSTUVW and SOUND is written as ABCSD, the how will READER be written in same code?
 - (A) QDZCDQ (B) SBFEFS (C) UTVDTU (D) TUDVUT
- 9. On 26 January, 1947 is SUNDAY, then which day on 2 September, 1947?
 - (A) MONDAY (B) TUESDAY (C) WEDNESDAY (D) SUNDAY



	Column I	Column II	
Direction	on (18 – 19) Questions mat	ch the numbers in Column I v	with the Rules in Column II.
	(C) 32	(D) 36	
17.	(A) 16	(B) 20	
17.	(C) 16 How many cubes have exa	(D) 32	
	(A) 0	(B) 8	
16.	How many cubes are colou		
	owing Questions.		
-			cube has no red face. Answer
			ninted in such a way that no two Red, Blue & Green. The cube is
Dirocti	on Question (16 17) Ques	tion six faces of a suba are ma	ainted in cuch a way that he time
	(A) South – East (B) West (C) North – East (D) South	
	clockwise 180° which direc		,
15.	If a man facing east rotates	s in clockwise direction 45° &	then, anti clockwise 270° then
	(A) bddddb (B) addddb (C)	bbbddd (D) addbbb	
14.	cbb	acbbacd	
4.4			
	(A) aaaaa (B) aabaa (C) bba	abb (D) bbbab	
			Ť
13.	ccacca	.cabc	
Direction	•	y the letter series and answe	r the following questions.
	(C) 15	(D) 18	
	(A) 4	(B) 14	
	interchange their places the occupied by Meena from	en Teena becomes 13 th from	the left. Now what place will
12.	In a row of children Teena	is 5th from the left & Meena i	is 6 th from the right. If they
	are sisters (D) E and A are		
	following is correct?		
11.		sters, D is the mother of B, E i	s the son of D, which one of the
	(C) $12_{1/2_0}$	(D) 0°	
	(A) 22 ₁ / ₂₀	(B) 17 ¹ / ₂	
10.	What will be the angle bet	ween the minute hand and ho	our hand of a clock at 7:35?

 $2x^{3} + 3$

 $2x^2 - 1$

(A)

(B)

17

18

(P)

(Q)

(C)	57	(R)	$x^2 + 2x$
(D)	28	(S)	x^2-3x
(E)	15	(T)	3x ² +1



18.	Which rule the number 28 fc	ollows?	
	(A) $2x_2 - 1$		(B) $3x_2 + 1$
	(C) $x_2 - 3x$		(D) $x_2 + 2x$
19.	Which number follows the ru	ıle 2x ³ + 3 ?	
	(A) 15		(B) 17
	(C) 18		(D) 57
20.	Which of the following word	s cannot be ma	ide from the word "COMMUNICATION".
	(A) UNION (B) ACTION (C) M	HSIC (D) CALITI	ON
	(A) ONION (B) ACTION (C) W	OSIC (D) CAOTI	
21.	Arrange the following words	according to d	ictionary arrangement.
	(a) WOUND		(b) WRITER
	(c) WHITER		(d) WORST
	(e) WORKED		
	(A) caedb		(B) adceb
22	(C) dcbae		(D) cedab
22.	a meaningful word.	impers so that	the letters arranged accordingly will form
	J C O P	T E	R
	1 2 3 4	5 6	7
	(A) 2645137		(B) 1345672
	(C) 7645132		(D) 4731625
Six frie	ends A, B, C, D, E, F are sitting	in a closed circ	le facing centre. Direction (23 – 24)
	Questions. E is to the Left of	D	
	C is between A and B		
	F is between A and E		
23.	Who is to the Left of B?		(n) c
	(A) A		(B) C
24	(C) D		(D) E
24.	Who is the right of C?		
	(A) A (B) B (C) E (D) F		
	(,,,,,(,,),,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
25.	A man is performing yoga wi	th his head dov	wn and legs up. His face is towards the west. Ir
	which direction will his left h	and be?	
	(A) North (B) South (C) East (D) West	
Direct	ion (26 – 27) are based upon	the sum of add	lition, Each letter has unique value and
	ique value there is unique let		
26.	Find the value of O?		
	(A) 3		(B) 1
	(C) 0		(D) 2
27.	Find the value of S?		

(A) 8 (C) 4 (B) 6 (D) 2



	(C) 1076 (D) 1077
	tion (29 – 30) Questions. A carpenter has the five wooden articles A, B, C, D, E
havin	g different weight. (A) A weights twice as B
	(B) B weights four & half time as much as C
	(C) C weights half as much as D
	(D) D weights half as much as E
	(E) E weights less than A but more than C
29.	Which of the following is lightest in weight?
	(A) D (B) C (C) B (D) A
20	
30.	Which of the following article is heaviest in weight?
	(A) E (B) D (C) A (D) C
31.	Find odd one out
U	(A) SEPTEMBER (B) JULY
	(C) MAY (D) APRIL
32.	Determine the Relationship.
	CLOSE: DNRWJ:: OPEN:
	(A) RZWR (B) RPJB (C) PRHR (D) PRJQ
33.	TEACHER, COLLEGE, STUDENT, which figure represented it?
	0000000
	(0) (0) (0)
	0 9 0
	(A) (B) (C) (D)
34.	If 'green' is called 'red', 'red' is called 'blue', 'blue' is called 'white', 'white' is called
	'yellow', 'yellow' is called 'violet' then what is the colour of grass.
	(A) Green (B) Red (C) Yellow (D) Violet
35.	In a certain code language "Sue Re NIK" means "She is brave". "Pi sor Re NIK" means "She
	is always smiling" and "Sor Re Zhi" means "is always cheerful". What is the code used
	for word "smiling"?
	(A) Sor (B) NIK (C) Re (D) Pi
	(C) Re (D) Pi

A printer numbers the pages of a book starting with 1 and uses 3193 digits in all. How many pages does the book have?

(B) 1075

28.

(A) 1074

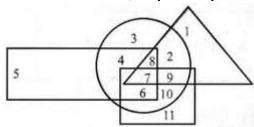


36. In the following sequence of Instructions, 1 stands for RUN, 2 stands for STOP, 3 stands for GO, 4 stands for SIT and 5 stands for WAIT, If the sequence were to continue, which instruction with come next?

4454345314531245453453

(A) Wait (B) Sit (C) Run (D) Stop

In the following figure, rectangle, square, circle and triangle represent the regions of wheat, gram, maize and rice cultivations, respectively. Give the answer.



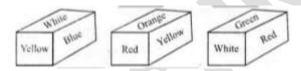
- 37. Which area is cultivated by rice and maize and nothing else?
 - (A) 9

(B) 8

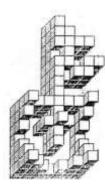
(C) 7

(D) 2

Observe the colours and answer the following



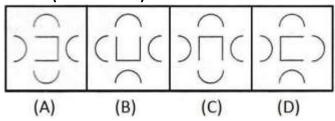
- 38. Which coloured surface is opposite to yellow colour.
 - (A) Green (B) Orange (C) Red (D) White
- 39. How many cubes are there in the given figures?
 - (A) 132
 - (B) 138
 - (C) 140
 - (D) 142





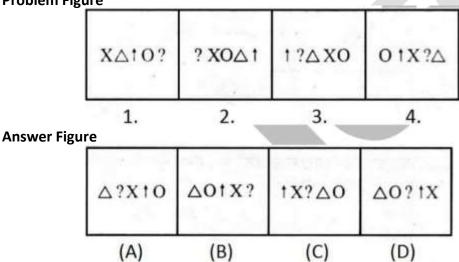
Direction Question (40). Given four figures three figures are similar in acertain manner. Choose the different one. (Odd one out)

40.



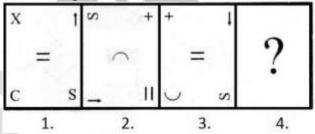
Direction Question (41). The following question consists of four problem fig. 1234 and four answer figures Marked (A), (B), (C), (D) select the gif. From amongst the answer figures which will continue the serial.

41. **Problem Figure**

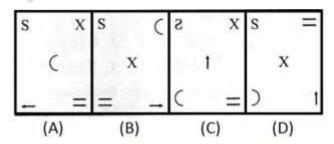


42. Fig. A and B are related in some way. According to same relationship among C and D. Choose the correct alternate.

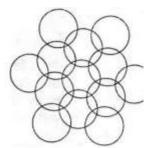
Problem Figure



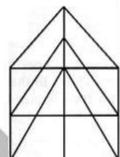
Answer Figure



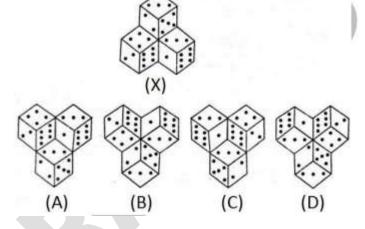
- 43. What is the minimum number of different colours required to paint the given figure such that no. two adjacent regions have the same colour?
 - (A) 5
 - (B) 4
 - (C) 3
 - (D) 2



- 44. How many triangles and parallelograms are there in the following figure?
 - (A) 21, 17
 - (B) 19, 13
 - (C) 21, 15
 - (D) 19, 17



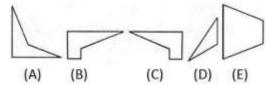
45. Find the water image of figure 'X'.



- 46. Find the mirror image of the following.
 - NTSEscoLeR(A)
 - TNZ3 acoleR(2)

- NTS3soceR(B)
- NTSEscoLeR(O)

47. Which three figures among five figures A, B, C, D & E will forms a complete square.



- (A) ABC (B) BCD (C) CDE (D) BCE
- 48. A square transparent sheet with a pattern is given. Figure out from amongst the four alternative as to how the pattern would appear when the transparent sheet is folded at the dotted line.

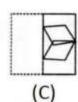
Transparent Sheet.

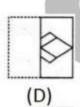


Response Sheet.



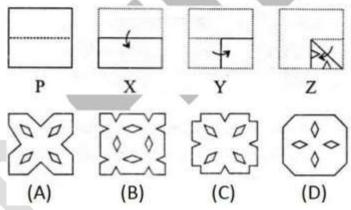




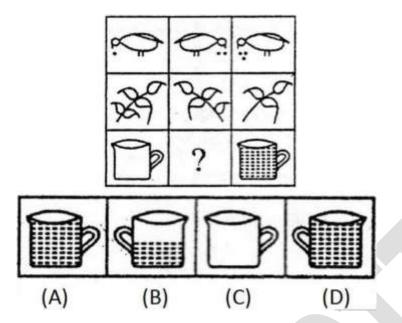


Direction Question (49). Paper has been folded as shown with the dotted lines in the given figure. PXYZ & paper has been cut. How would the paper look like when unfolded.

49.

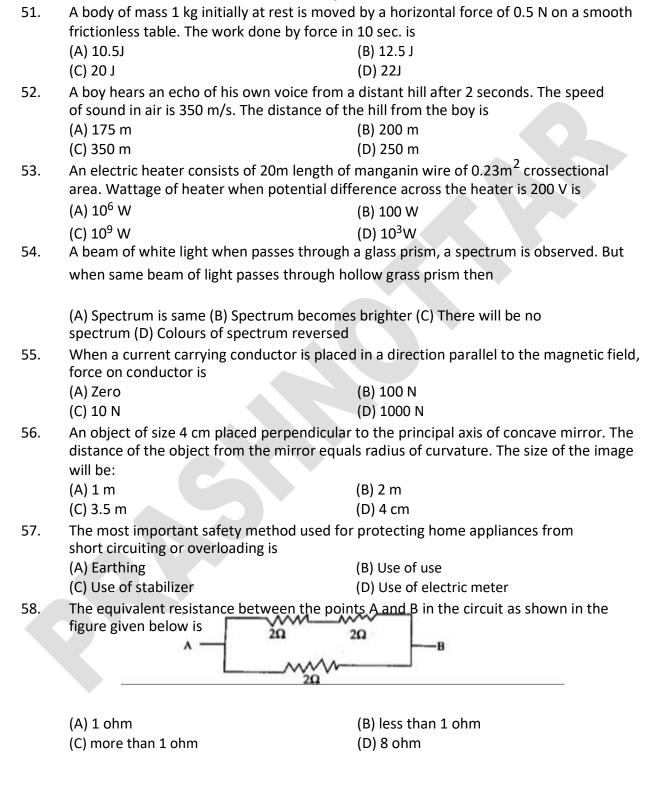


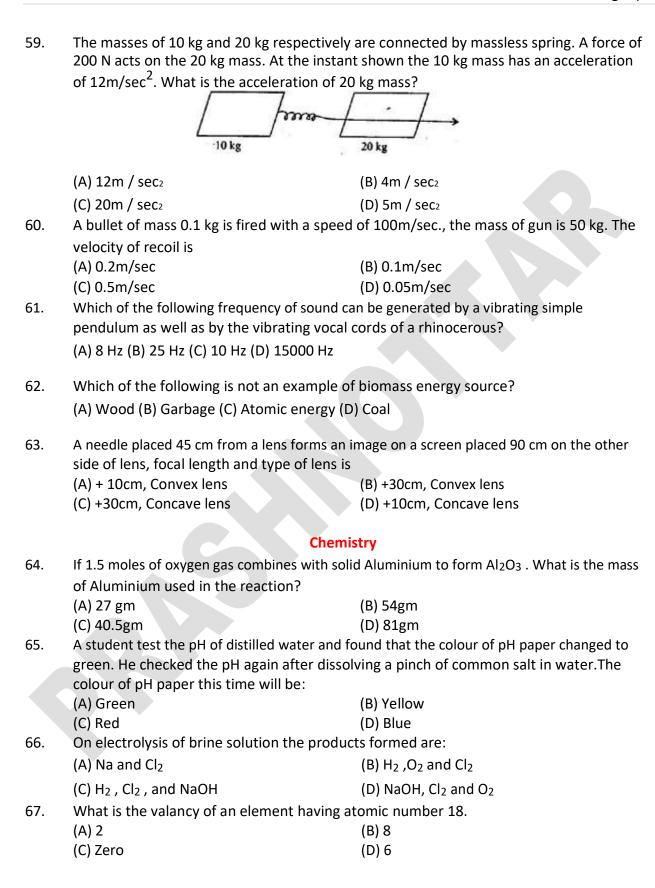
50. Select among four alternatives which complete the given Matrix.



SCHOLASTIC APTITUDE

Physics





68.	Numbers of molecules present in 18g and 1	.8U of water respectively			
	(A) 6.023×10 ₂₃ and 1	(B) 6.023×10 ₂₃ and 18			
	(C) 18 and 6.023×10 ₂₃	(D) 1 and 6.023×10 ₂₃			
69.	By adding acetic acid to solid "X" a colorless and odourless gas "Y" is evolved. The gas "Y" turns lime water milky. What are X and Y.				
	(A) X is Sodium carbonate and Y is CO_2 .				
	(B) X is Sodium hydro – oxide and Y is CO ₂ .				
	(C) X is Sodium acetate and Y is CO_2 .				
	(D) X is Sodium bicarbonate and Y is CO_2 .				
70.	High melting point of a compound indicates (A) Strong Intermolecular forces. (B) Kinetic Energy of molecules is more. (C) Speed of molecules is more. (D) Compound can diffuse easily				
71.	• • •	compound which is soluble in water and have			
	(A) Calcium (B) Carbon (C)Silicon (D) Iron				
72.	An element which is essential constituent of all organic compounds belongs to which group in Periodic Table.				
	(A) Group 2 (B) Group 14 (C) Group 16 (D) Group 17				
73.	How many covalent bonds are present in Pentane?				
	(A) 8	(B) 10			
7.4	(C) 16	(D) 14			
74.	Which one of the following is not an isoelector $(x) = e^{-2}$				
	(A)	(B) _n Na ⁺¹			
75	(C) 9F-1	(D) ₁₂ Mg+1			
75.		$(SO_4)_3$. The formula of nitride of elements X is.			
	(A) X ₂ N	(B) XN ₂			
	(C) XN	(D) X ₂ N ₃			
76.	Three test tubes containing: Test Tube X: 5ml of HCl Test				
	Tube Y; 5ml of HNO ₃				
	Test Tube Z: 15 ml of HCl+5ml of HNO ₃				
	A small piece of metal was added in all the Tube Z. The metal is:	three test tubes. It dissolves only in Test			
	(A) Al	(B) Au			
	(C) Cu	(D) Ag			

Biology

77. Match the column I with the column II.

	Column I	Column II	
(A)	Bonol ortony	(P)	It stores the urine until it is released
(^)	Renal artery	(' ' '	through the Urethra
(B)	Kidney	(Q)	It passes urine from kidney to urinary
(6)	Ridiley	(4)	bladder.
(C)	Ureter	(R)	It filters the blood and forms urine.
(D)	(D) Urinary bladder (S)		It bring blood to the kidney for filtering
(, 0		ν - 7	waste.

- (A) A-S, B-R, C-Q, D-P
- (B) A-P, B-Q, C-R, D-S
- (C) A-Q, B-P, C-S, D-R
- (D) A-R, B-Q, C-P, D-S
- 78. Which one of the following is the function of the enzymes of Pancreatic Juice?
 - (A) Trypsin digests protein and lipase digests carbohydrates
 - (B) Trypsin digests emulsified fats and lipase digests proteins
 - (C) Tryspin and lipase digest fats
 - (D) Trypsin digests proteins and lipase digests emulsified fats
- 79. Which of the following is not a correct pair:

	Column I		Column II
(A)	Adrenaline	(P)	Pituitary gland
(B)	Testosterone	(Q)	Testes
(C)	Estrogen	(R)	Ovary
(D)	Thyroxine	(S)	Thyroid gland

- 80. Pine and Deodar are the example of
 - (A) Gymnosperms (B) Pteridophyta (C) Thallophyta (D) Bryophyta
- 81. Khadins, Bundhis and Ahars are ancient structures that are example of
 - (A) Grain storage (B) Wood storage (C) Water harvesting (D) Soil conservation

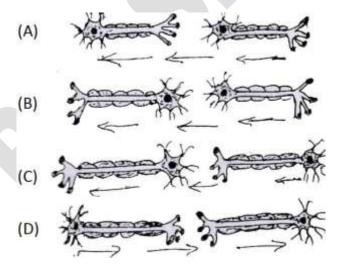
- 82. Read the following statements and select the correct option Statement I: Snails and Mussels are Molluscans.

 Statement II: Sea Urchins and Scorpions are echinodermates
 - (A) Only statement I is true
 - (B) Only statement II is true
 - (C) Both statement I and II are true
 - (D) Both statement I and II are true
- 83. in Eukaryotes is separated from the cytoplasm by double layered memberane and it directs the life process of the cell.
 - (A) Golgi Apparatus (B) Nucleus (C) Lysosome (D) Ribosome
- 84. A feature that is common in yeast, amoeba, paramecium is
 - (A) They all multi cellular (B) They all reproduce by budding (C) They all reproduce by binary fission (D) They all ar eunicellular
- 85. Which blood constituent makes up more of the volume of blood
 - (A) Red blood cells

(B) Plasma

(C) Blood protein

- (D) White blood cells
- 86. Homologous organs are
 - (A) Dissimilar in origin, similar in function
 - (B) Dissimilar in origin and dissimilar in functions
 - (C) Similar in origin and similar in function.
 - (D) Similar in origin and dissimilar in function.
- 87. What is the correct direction of flow of electrical impulses in nerve cells?



- 88. You observed a slide of animal tissue and observed (i) long cylindrical and unbranched cells (ii) They had dark and light bands. The tissue could be of
 - (A) Unstriated muscle fibres
- (B) Neurons

(C) Striated muscle fibres

- (D) cardiac muscle fibres
- 89. Which organ is infected when a person suffers from Jaundice?
 - (A) Bones

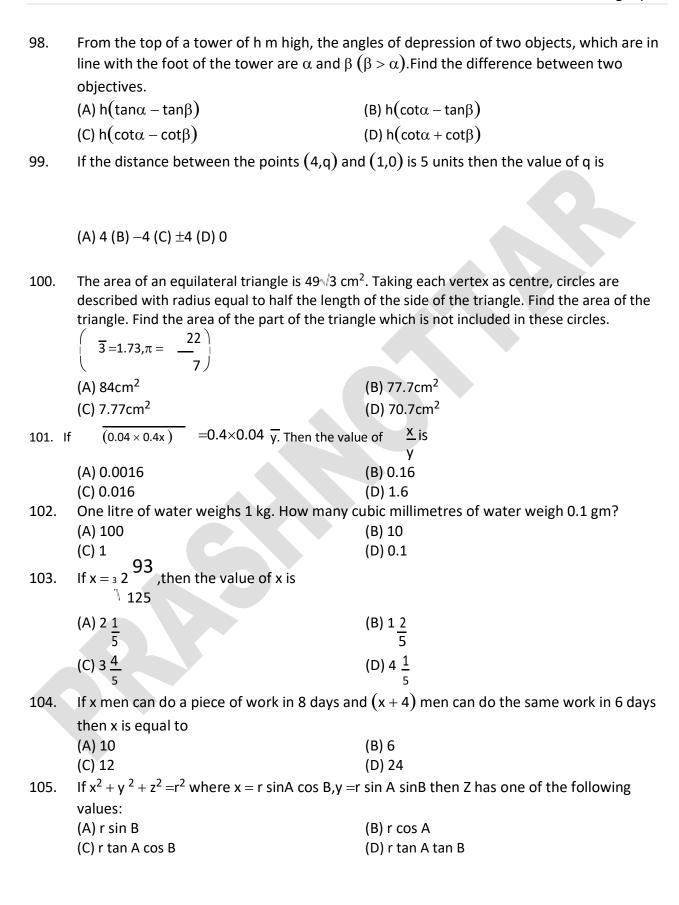
(B) Liver



90. The animals having jointed legs belongs to phylum (A) Annelida (B) Arthropoda (C) Mollusca (D) Nematoda **Mathematics** If p + q+ r = 0 then the value of $2p^2(q+r)+2q^2(p+r)+2r^2(p+r)$ 91. q) will be par (B) $\frac{1}{1}$ (A) 3pqr pqr (C) 6(D) -692. A circle is inscribed in a square of side 2.5 cm. Another circle is circumscribing this square. The ratio of areas of outer circle and inner circle is (A) 1: 2 (B) 2:1 (C)2:1(D) 3:1If $x = \frac{1}{3-1}$ then find the value of $4x^3 + 2x^2 - 8x - 3$. 93. (A) 0(B) 2 (C) -2How many revolutions will a circular wheel of radius r units will make to cover a distance 94. of 100 times its diameter? (B) 100π π (D) π (C) 100 95. If $tan \phi + \cot \phi = 1$ then the value of $sin \phi + \cos \phi$ will be equal to (where ϕ is an acute angle) (A) O (B) 2 (C) 3 (D) 1 96. If pth term of an AP is q and qth term is p then mth term of this AP will be (A) p + q + m (B) p + q - m (C) p - q - m (D) p - q + m97. Two dice are thrown. Find the probability that sum of numbers of both up sides of both dice is a perfect square

(D) 0

(C) $\frac{5}{36}$





106. Find the solutions for 'x' in equation

$$\frac{1}{1} = \frac{1}{1} + \frac{1}{1} + \frac{1}{1}$$
 is

- a+b+x a b x
- (A) -a,b (B) -a,-b (C) a,-b (D) a,b
- 107. In the given figure, ABCD is a cyclic quadrilatical. If \angle BAC = 60°, \angle BCA =20° then find the value of \angle ADC?
 - (A) 15°
 - (B) 50°
 - (C) 80°
 - (D) 40°
- 108. A copper wire when bent in the form of a square, enclose an area of 484cm². If the same wire is bent in the form of circle, the area enclosed by it is:
 - (A) 210 cm²

(B) 616 cm^2

(C) 512 cm²

- (D) 54 cm²
- The mean temperature of Monday to Wednesday was 37° C and of Tuesday to Thursday was 34°C. If the temperature on Thursday was 4/5 that of Monday. Then the temperature of Thursday was:
 - (A) 35.5° C

(B) 34° C

(C) 36.5° C

- (D) 36 ° C
- 110. In a box containing 100 bulbs, 10 are defective. What is the probability that out of a sample of 5 bulbs none is defective.

_! (A) 10 $\left(\frac{1}{2}\right)$

$$(c)$$
 $\left(\frac{9}{10}\right)^{-1}$

$$\begin{array}{c|c}
(2) \\
\hline
(0) & -1 \\
\hline
(10)
\end{array}$$

History

- 111. In IMF and World Bank, the decisions are taken by-
 - (A) Developing nations
 - (B) a joint council of developed and developing countries
 - (C) Western industrial powers
 - (D) least developed nations
- 112. What led to town planning of the city of Bombay in 1880?
 - (A) The social tension (B) Poverty (C) Fear of plague epidemics (D) Riots
- 113. Which of the following novel deals with caste oppression?
 - (A) Sultana's Dream (B) Indulekha (C) Saraswati Vijayam
 - (D) Padmarag
- 114. Who described Mazzini as the most dangerous enemy of our social order?
 - (A) Victor Emmanuel II (B) Duke Metterinich (C) Johann Gottfried
 - (D) Lord Byron

115.	Why was the Vietnam war called the first to (A) Brought home, stories from soldiers (B) Led to increased sale of television sets (C) Battle scenes were shown on daily news (D) Television was invented			
116.	Who said, "printing is the ultimate gift of God and the greatest one? (A) Charles Dickens (B) J.V. Schely (C) Mahatma Gandhi (D) Martin Luther			
117.	Which of the following combination correct international economic exchange:-			
	(A) Capital goods, raw material(C) Goods, labour, capital	(B) Goods, metal, labour(D)Labour, capital, food grains		
118.	The slogan 'Jai Hind' was given by (A) Lal Bahadur Shastri (B) Subhash Chandre Nehru (D) Ras Behari Bose	a Bose (C) Jawahar Lal		
119.	What was the relationship of Guru Amarda (A) Father (C) Brother	s Ji with Guru Ramdas Ji? (B) Son (D) Father-in-law		
120.	Name the treaty signed on 26 th December, 1846 after First Anglo Sikh War? (A) Treaty of Paris (B) Treaty of Lahore (C) Treaty of Bhayrowal (D) Tripartite Treaty			
121.	Who established Dal khalsa? (A) Nawab Kapoor Singh (C) Ranjit Singh	(B) Banda Bahadur (D) Guru Gobind Singh Ji		
	Geogra	aphy		
122.	'Relief', 'Cyclonic' and Convectional' are type (A) Soil (B) Water (C) Rainfall (D) Forests	oes of which of the following?		
123.	To which of the following, the study of 'Seis (A) Atmosphere (C) Tides	smology' is related? (B) Floods (D) Earthquakes		
124.	What is the area of Chandigarh? (A) 114 sq. kilometre (B) 1014 sq. kilometre (D) 50362 sq. kilometre	e (C) 10140 sq. kilometre		
125.	Which latitude passes approximately through the middle of India? (A) Equator (B) Tropic of Cancer (C) Tropic of Capricorn (D) Prime Meridian			
126.	With which agent the features like "Stalactite (A) Air (C) Underground water	e" and "Stalagmite" are related? (B) Sea (D) Glacier (River of Ice)		
	· · · · · · · · · · · · · · · · · · ·	,		

127.	In which state of India the "Kandla Port" is situated? (A) Punjab (B) West Bengal (C) Andhra Pradesh (D) Gujarat		
128.	Which of the following states has the least "p (A) Bihar (C) Himachal Pradesh	oopulation density"? (B) Uttar Pradesh (D) Arunachal Pradesh	
129.	Which state of India has the maximum area (A) Haryana (B) Tripura (C) Rajasthan (D) Ka		
130.	From which language the word "Monsoon" has been derived? (A) Hindi (B) Arabic (C) German (D) English		
131.	For what mineral, the mining region of "Kolar (A) Gold (B) Silver (C) Copper (D) Bauxite	" and "Ramgiri" in Indian are famous for?	
132.	Which state of India is connected to China (Ti (A) Meghalaya (C) Sikkim	bet Region) through Nathula pass? (B) Assam (D) Arunachal Pradesh	
	Civio		
133.	Who was the Chairman of Drafting Commit		
	(A) Moti Lal Nehru (B) Jawahar Lal Nehru (C Rajender Prasad		
134.	Which of the following is a big challenge to	democracy?	
	(A) Leaders (B) Political Parties (C) Elections	(D) Illiterate Citizens	
135.	Which of the following is not the quality of id	eal citizens :	
	(A) Good health (B) Patriotism (C) Tolerance	e (D) Illiteracy	
136.	Seats are reserved for women in :		
	(A) Parliament (B) Panchayati Raj Institution Rajya Sabha	ns (C) State Legislature (D)	
137.	Which type of government is a federal gove	ernments :	
	(A) Centre and State Government	(B) Govt. of two States	
	(C) Centre and two State Government	(D) Centre and three State Government	
138.	How many state governments are functioni	_	
	(A) 7	(B) 28	
420	(C) 13	(D) 29	
139.	An ordinary bill is represented in	(P) Lok Sabba	
	(A) Rajya Sabha (C) Any house of Parliament	(B) Lok Sabha (D) Rajya Vidhan Sabha	
140.	Who is the constitutional head of India?	(D) Najya vidilali Jabila	
	(A) King	(B) Queen	
	(C) Prime Minister	(D) President	

141.	Which of the following is not the National Flag:				
	(A) Shiromany Akali Dal (B) Bhartiya Janta Congress (D) Bahujan Samaj Party	Party (C) Indian National			
142.	India is a federal state because:				
	(A) Dual judiciary	(B) Written constitution			
	(C) Dual citizenship	(D) Share of power between centre and state			
	Econo	omics			
143.	GDP can be written as				
	(A) General Domestic Product	(B) Gross Domestic Product			
	(C) Gross Development Product	(D) General Development Product			
144.	Foreign Trade				
	(A) Increases choice of goods	(B) Decreases price of goods			
	(C) Increases competition in the market	(D) Decreases earnings.			
145.	COPRA full form is				
	(A) Co-ordination Protection Act	(B) Co-education Protection Act			
	(C) Co-operative Protection Act	(D) Consumer Protection Act			
146.	Which of these notes are issued by finance department of Govt. of India.				
	(A) ₹ 500	(B) ₹ 100			
	(C) ₹ 2000	(D)₹1			
147.	What is the impact of Green Revolution.				
	(A) Forest area increased	(B) Air Pollution decreased			
	(C) Wheat Production Increased	(D) Milk Production Increased			
148.	Globalisation was stimulated by				
	(A) Money	(B) Transportation			
	(C) Population	(D) Computers			
149.	A consumer				
	(A) Sells goods and services	(B) Buy goods and services			
	(C) Produces goods and services	(D) Delivers goods and services			
150.	What is the time-period of 12 th five year p				
	(A) 2002-07	(B) 2007-12			
	(C) 2012-17	(D) 2017-22			

LANGUAGE TEST English

Question: (151-153) Read the following passage carefully and answer the questions that follow:

Some people think you need a kitchen to cook dinner. But you can make easy, delicious meals outside over a campfire.

One easy campfire meal is baked potato. You wrap the potato in tin foil and put it under the flames in the hot ashes. After an hour, the heat from the fire will cook the potato. Open up the tin foil package and you have a baked potato!

It is also easy to roast food over a campfire. You can put hot dogs or sausages on sticks and hold them in the fire. The flames will cook the meat. For desert, you can roast marshmallows on sticks. Hold them near the fire until they turn golden and begin to melt. But do not leave anything in the fire too long, or it will turn completely black and taste like ashes.

There are many nice things about campfire meals. To make these meals, you do not even need to know anything about cooking. Some people also say that food tastes better when cooked and eaten outside. But the best part of these campfire meals is there are no dishes to wash afterwards.

- 151. As used in paragraph 2, which is an example of a package?
 - (A) French fries are served on a tray in the cafeteria.
 - (B) A new toy comes wrapped up in a plastic box.
 - (C) Cookies are easy to remove when there is tin foil on the cookie sheet.
 - (D) You can use a knife to cut open an orange instead of peeling it.
- 152. The author warns that if you leave anything in the fire too long, it
 - (A) Can get burned (B) Can be dangerous (C) Will melt (D) Will fall off the stick
- 153. Which sentence from the passage best describes why campfire meals are easy to make?
 - (A) "But you can make easy, delicious meals outside over a campfire."
 - (B) "You wrap the potato in tin foil and put it under the flames in the hot ashes."
 - (C) "It is also easy to roast food over a campfire.
 - (D) "To make these meals, you do not even need to know anything about cooking."
- 154. After reading the passage, we can conclude that
 - (A) You do not need much to cook a campfire meal.
 - (B) Cooking over a campfire is more fun than in a kitchen.
 - (C) Roasting food on a stick or wrapping it in tin foil is the only way to cook a campfire meal.
 - (D) If you do not cook in a kitchen, you do not have any dishes to wash.
- 155. According to the author, the best part of these campfire meals is that they
 - (A) Are easy (B) Are delicious (C) Taste better outside (D) Use no dishes

Question: (156-160) Read the comprehension passage carefully and answer the following questions:-

What needs to be set right is our approach to work. It is a common sight in our country of employees reporting for duty on time and at the same time doing little work. If an assessment is made of time they spent in gossiping, drinking tea, eating "pan" and smoking cigarettes, it will be shocking to know that the time devoted to actual work is negligible. The problem is the standard which the leadership in administration sets for the staff. The ministers mix politics and administration. What do top bureaucrats do? What do the below down officials do? The administration set up remains week mainly because the employees do not have the right example to follow and they are more concerned about being in the good books of the bosses that doing work.

- 156. The employees in our country
 - (A) Are quite punctual but not duty conscious.
 - (B) Are not punctual but somehow manage to complete their work.
 - (C) Are somewhat lazy but good natured.
 - (D) Are not highly qualified.
- 157. According to the writer, the administration in India.

(A) Is by and large effective

(B) Is strict and firm

(C) Is effected by red tape

(D) Is more or less ineffective.

158. The word assessment means

(A) Enquiry

(B) Report

(C) Evaluation

(D) Summary

- 159. The leadership in an administration
 - (A) Sets a fine example to the employees

(B) Is of a reasonably high standard

(C) Is composed of idealists

(D) Is of a very poor standard

- 160. The central idea of the passage could be best expressed by the following:
 - (A) The employer's outlook towards work is justified.
 - (B) The employee must change their outlook towards work.
 - (C) The employees would never change their work culture.
 - (D) The employer employee relation is far from healthy.

Question: (161-164): The 1st and the last parts of the sentence are numbered 1 and 6. The rest of the sentence is split into four parts and named P, Q R & S. These four parts are not given in their proper order. Read the sentence and find out which of the four combinations is correct.

161. 1.: A dictionary

P. : arranged words

Q. : about which informationR. : containing alphabetically

S. : is a book 6. : is given

(A) RPQS (B) QRPS (C) SRPQ (D) SPRQ

162.	1.: The pigeons were used		
	P. : as messengers		
	Q. : which were tied		
	R. : in the olden days		
	S. : to carry messages		
	6. : to their feet		
	(A) PQRS	(B) SPRQ	
	(C) PRSQ	(D) PRQS	
163.	1.: Socrates		
	P. : never to make		
	Q. : a great Greek Philosopher		
	R. : and had resolved		
	S. : tried hard to central himself		
	6. : a show of his temper		
	(A) SRPQ	(B) QSRP	
	(C) QSPR	(D) PQRS	
164.	1.The important thing		
	P. : winning		
	Q. : is not		
	R. : but		
	S. : taking part		
	6. : in the Olympic games		
	(A) PQRS	(B) QPRS	
	(C) SRPQ	(D) QSPR	
		the second sentence is missing. Choose the	
appro	priate sentence from the given options to c	omplete it.	
165.	A A gentleman who lived alone always had	I two plates placed on the table at dinner time.	
105.	B.	two places placed on the table at diffier time.	
	C. he used to give the cat a piece of meat fr	rom his own plate.	
	(A) One plate was for himself and other wa	•	
	(B) She drooped a mouse into her own plat		
	(C) In this way the cat showed her gratitude	•	
	(D) The cat was nice to the master.		
166.	A. Satyajit Ray made many films for childre	n.	
	В.		
	C. Ray, was a pioneer in this field.		
	(A) Later, film makers have followed his lea	d.	
	(B) Today, other nations are making children's films in a big way.		
	(C) This was at a time when no director con		
	(D) But today few think of ray as a maker of	f children's films.	

167.	A. Villages are usually thought as the places of peace and solitude.				
	B				
	C. Life in a village is not as fast as in the city (A) There are fewer distractions for the village.				
	(A) There are fewer distractions for the villagers.				
	(B) A common bond of brotherhood exists in the villagers of one another.(C) Just like life in a city, a village has its own attractions and revulsions.				
	· · ·				
168.	(D) villagers are a home away from the busy life in cities.A. A computer is an electric device.B.				
108.					
		es communicate and help us to earn			
	C. The computer helps us create programmes, communicate and help us to earn. (A) Information is stored and managed by computers.				
	(B) We have really arrived into an era of global world.				
	(C) The internet is complicated web of satellites.				
	(b) That helps in boosting our efficiency.				
Questi		t fills the blank from the four options given:			
169.					
	(A) Abolish (B) Exhort (C) Sink (D) Condemn				
170.	My father of severe pain	in his chest.			
	(A) Questioned (B) Complained (C) Afraid (D) Expressed				
Ouesti	on: (171-173): In the guestions below, out	of four alternatives, choose the one which can			
	stituted for the given words:				
171.	Government by a king or queen,				
	(A) Theocracy	(B) Monarchy			
	(C) Democracy	(D) Republic			
172.	Child of unusual or remarkable talent.				
	(A) Talented	(B) Distinguished			
	(C) Reputed	(D) Prodigy			
173.	Scarcity of rain or water				
	(A) Drought (B) Draught (C) Tide (D) Barren				
474	Characteristics and a bit of the control of the con	and the state of t			
174.	She was remarkablyi				
	(A) Conductive	(B) Reluctant			
175	(C) Arrogant	(D) Accomplished			
175.	,				
	project.				
	(A) Thriving (B) Declarative (C) Imitable (D) Thrilled				

176. The song in the play cannot be deleted as it is ______ to the story.

(A) Intervened (B) Innate (C) Integral (D) Exact



177.	She remained a all her life	e.		
	(A) Spinster (B) Bachelor (C) Unmarried (D) Single			
178.	Do not stay in grasslands after dark as so humans.	me animals become	_ when they see	
	(A) Provoked	(B) Alerted		
	(C) Aggressive	(D) Juvenile		
179.	Out and out	(b) saverme		
1,3.	(A) Complaining	(B) Out of game		
	(C) Thoroughly	(D) Decline		
180.	Odds and ends	(b) beeine		
100.	(A) Needless	(B) Watchful		
	(C) Stray articles	(D) Declining		
181.	Fire and sword:	(b) Deciming		
101.	(A) Energy	(B) Destruction		
		, ,		
Ouest	(C) Shining tion: (182-185): Change the voice:	(D) Brave		
182.	Who beat you?			
102.	(A) By whom were you beaten?	(B) Whom were you beaten	2	
	• • •		ŗ	
102	(C) Why were you beaten?	(D) Whom do you beaten?		
183.	This news alarmed me,			
	(A) I have been alarmed at this news.			
	(B) I was alarmed at this news			
	(C) I was alarmed by him			
	(D) I had been alarmed at this news.			
184.	Sit down,			
	(A) You were ordered to sit down.			
	(B) You had ordered to sit down.			
	(C) You are ordered to sit down.			
_	(D) You have been ordered to sit down.			
185.	May I see you pen?			
	(A) May you pen will be seen by me?			
	(B) May pen be seen by me?			
	(C) May your pen be seen by me?			
	(D) May I see my pen through you?			
	tion: (186-188): Change the narration of th	e following:		
186.	"Call the police, " said someone.			
	(A) Some one suggested that police must be called.(B) Some one suggested that police will be called by me.			
	(C) Some one told that the police will be called.			
	(D) Some one suggested that the police should be called.			

187.	She said to Tom, "Open your mouth."					
	(A) She warned Tom to open mouth.					
	(B) She ordered Tom to open his mouth.					
	(C) She asked Tom to open mouth.					
	(D) She told Tom to open mouth.					
188.	He said to me, "Where do you live?"					
	(A) He told to me where I should live.					
	(B) He told to me where I live.					
	(C) He asked to where I was lived.					
	(D) He asked me where I lived.					
Questi	Question: (189-196): In the following passage, there are some numbered blanks. Fill in the					
	by selecting the most appropriate word fo					
		throughout history. Today, scientific research is				
		of living with companion animals. Animals have				
		ment for many years. More recently it has been				
	ered that owning a pet can help lower peop					
	es of living after a heart attack, keep people					
		at this happens because pets help people				
becom		receive (195), and help connect				
	h the (196) world.	,,,,				
0.0						
189.	(A) Evolve	(B) Discover				
	(C) Provide	(D) Impart				
190.	(A) Alternative	(B) Secondary				
	(C) Mandatory	(D) Obligatory				
191.		(B) Elucidate				
101.	(C) Enhance	(D) Eradicate				
192	(A) Satisfaction	(B) Lethargy				
132.	(C) Discomfort	(D) Energy				
193	(A) Practiced	(B) Supposed				
155.	(C) Accepted	(D) Theorized				
194	(A) Boring	(B) Workaholic				
154.	(C) Social	(D) Recluse				
195	(A) Affection	(B) Hatred				
133.	(C) Isolation	(D) Precious				
196	(A) Artificial	(B) Amiable				
150.	(C) Natural	(D) Political				
Questi		• •				
	Question: (197-200): Select the word which means the opposite of the underlined word: 197. On these tablets, they have inscribed writing which they wished to preserve.					
197.	On these tablets, they have inscribed writing	ig which they wished to <u>preserve.</u>				
	(A) Buin (B) Concool (C) Hide (D) Protect					
	(A) Ruin (B) Conceal (C) Hide (D) Protect					
100	The earliest books were not books in the	andern sense of the word				
198.	The earliest books were not books in the m	ioueiii selise oi tile wold.				



199. The soldier was reprimanded for ruining his <u>immaculate</u> uniform.

(A) Shining (B) Dirty (C) Useless (D) Worthy

200. We should have <u>cordial</u> relations with our neighbour.

(A) Smooth (B) Friendly (C) Sophisticated (D) Reserved.



