ICET - ZUUK

(BASED ON STUDENTS MEMORY)

Time: 2 Hours

SECTION - A ANALYTICAL ABILITY

Questions: 75] [Marks : 75

Note: In questions numbered 1 to 20, a question is followed by data in the form of two statements labelled as I and II. You must decide whether the data given in the statements are sufficient to answer the questions. Using the data make appropriate choice from (1) to (4) as per the

1) DATA SUFFICIENCY

- following guidelines: a) Mark choice (1) If the statement I alone is sufficient to answer the question;
- b) Mark choice (2) If the statement II alone is sufficient to answer the question;
- c) Mark choice (3) If both statements I and II are sufficient to answer the question but neither statement alone is not sufficient:
- d) Mark choice (4) If both statements I and II are not sufficient to answer the question and additional data is required.
- 1. What is the speed of the train?
 - The train goes 2¹/₂ times fast as a goods train
 - II) The train leaves Hyderabad 3 hours after the goods leaves and overtakes.
- 2. What is the area of the rhombus?
 - Each of its sides is 120 cm
 - Two of its opposite angles are 60°
- - 1) $a^2 > b^2$
 - 4. What are the values of a and b in the polyno-

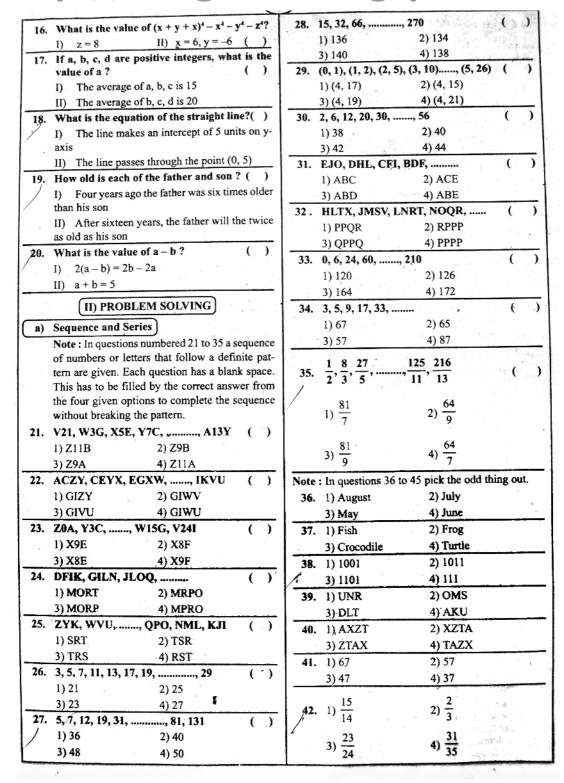
()

- mial $f(x) = 3x^5 11x^4 + 2x^3 5x^2 + ax + b$? I) $x^2 - 3x + 2$ divides f(x)
 - II) f(x) is a Multiple of x + 5
- 5. What was the age of the father, when his eldest son was born?
 - Father's present age is twice the sum of the ages of all of his three sons born at intervals of two years
 - Father's present age is 42 years

- 6. What is the number of educated youth in the village?
 - In the village 1/4th of the youth are educated
- II) In the village 1/5th of the youth are employed 7. What is the maximum value of x?
 - I) $5x^2 \le 4x^2 + x$ II) $\frac{1}{4x} + \frac{1}{5x} > 0$

Max. Marks : 2001

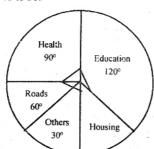
- 8. Is a < b?
 - I) 7a + 7b is positive
 - II) -7a + 7b is negative
- 9. What is the percentage of change in the area of the rectangle ABCD.
 - In measuring the sides, AB is taken 5% in excess
 - II) In measuring the sides, AD is taken 5% in
- 10. If x is an integer, what is x?
 - I) $\frac{1}{4} < \frac{1}{x+2} < \frac{1}{2}$ II) $x^2 5x + 4 = 0$
- 11. What are the values of a and b?
 - I) 2.5a + 7b = 35 II) 10a + 28b = 140
- 12. Does p divide 15x? p divides 3x + 4y
 - II) p divides both x + 2y and 2x + y
- 13. What is the value of $\frac{a^2 b^2}{a^2 + a^2}$?
- II) $a + b \neq 10$
- 14. What is the value of $\frac{a}{b} \frac{b}{a}$?
 - I) $\frac{b^3}{a^3} \frac{a^3}{b^3} = -36$ II) a + b = 10
- What are the dimensions of the room ?(
 - The sum of all edges of the room is 68 ft.
 - 11) The room is rectangular



			-
43.	1) Eye	2) Tongue	
	3) Ear	4) Nose	
44.	1) 216	2) 343	
/	3) 516	4) 729	
45.	1) 11	2) 111	
/	3) 1111	4) 111111	

b) Data Analysis:

Note: The following Pie chart shows how the municipal funds are spent under different heads in a year. Study the chart and answer the questions 46 to 50.

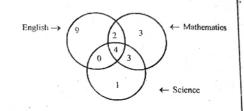


- 46. What is the ratio of the expenditure on education to that on health?
 - 1)3:2
- 2)2:34)4:3
- 3)3:4
- 47. Which single head uses 25% of the funds?
 - 1) Health
- 2) Education
- Housing
- 4) Roads
- 48. What percentage is spent on housing?
 - 1) $19\frac{2}{3}$

- 49. Which head has the maximum expenditure?
 - 1) Health
- 2) Education
- Roads 4) Housing
- Which heads have the same amount of expenditure?
 - 1) Housing and Education 2) Health and Housing
 - 3) Roads and Housing
 - 4) Housing and Others

Note: (for questions 51 to 55)

The following figures has three intersecting circles, each representing a group of students who got first class marks in the subject shown against it. Study the figure carefully and answer questions 51 to 55.



- 51. The number of students who got first class marks in more than one subject ?
 - 1)8
- 2) 12
- 3)9
- 4) 10
- 52. The percentage of students who got first class marks in English among students who got first class in atleast once of the three subjects?
- 2) $48\frac{2}{11}$

- 53. How many students got first class marks only in Mathematics?
 - 1)1
- 2)2
- 3)3

)

- How many students got first class marks in all the three? 2)2
 - D I
 - 3)3
- 4)4
- How many students first class marks in Science?
 - 1)6
- 2)8
 - 3) 7 4)4 Coding and Decoding

Note: In a code, the rth letter is shifted to (27 - $2r)^{th}$ letter for r = 1, 2, ..., 13, the fourteenth letter is shifted to 26^{th} letter and, for r = 15, 16, ...,26, the rth letter is shifted to (2r - 28)th letter. For decoding the inverse process of the above is followed. Using this coding and decoding, answer

- the questions 56 to 65. 56. Which word is coded as ITALY?)
 - 1) IXTMA
- 2) IXMTY
- 3) IXMTA

)

- 4) IMXTY
- 57. Which letter is coded as Y? 2) N 1) À
 - 4) M 3)B What is the code letter for P?
 - 1) J
- 2) D
- 3) L
- 4) W

						· · · · · · · · · · · · · · · · · · ·	-
59	. What is the cod	le word for SENDER ?	()	71.	In the array 483	92874362754869364,	
	1) JQSZQH	2) JRSZRH				where an even numb	er is fol-
	3) JPZSPH	4) JQZSQH			lowed by two o	2) 2	,
60.	What is the cod	le word for POTA?	()		1) 1	4) 4	
	1) DLBY	2) DBYJ		72		egers from 1 to 100 e	viet ench
	3) DBLY	4) DLYB		/2.		risible by 5 and also l	
61.	Which word is	decoded as LMVIXMT	?()	N	digit?		
	 CAPSTAN 	2) CAPITAL			1) 10	2) 11	()
	3) CAPTAIN	4) CAPTION			3) 12	4) 20	
62.	What is the cod	e for IUPILM?	.()	73.		e watch is 9-15 and	
	1) INDIAN	2) INDIRA				vards west. The direc	tion of the
	3) INDUCE	4) INDICA			minutes hand i	•	()
63.	What is the code	e word for MAGNET?	' ()		1) North	2) South	
	1) AYMQZL	2) AYZMQL		-	3) East	4) West	·
	3) AYMZQL	4) AYQMZL		/4.		$2 \Rightarrow 2*(3*4) = ?$	()
64.	What is the code	e for HIXVTA?	()	1	1) 24	2) 16	
	1) KITKAT	2) KITPLY			3) 9	4) 8	CA 100
	3) KINLEY	4) KINDLE		75.		to, the average age of	
65		lecoded as XIDLF?	()			low, C has joined then became 25 years. W	
03.	1) THINK	2) TIGER	()		present age of		()
	3) TISCO	4) THICK			1) 30	2) 31	
					3) 29	4) 32	,
d)		rrangement Problems	_				
66.		Is three days after Sun e last day of that mont			The second second second second second	CTION - B ATICAL ABILITY	
	1) Wednesday	2) Thursday	()		City and Market Street	CASTON CONTRACTOR CONTRACTOR	
	3) Friday	4) Saturday		Ques	tions : 75]		Marks: 75
67.	In a clock, what	is the angle between	the two		I) ARITHM	IETICAL ABILITY	ك
1	hands at 5 hours	: 10 minutes?	()	76.	Two pipes A a	nd B can fill a tank ir	ı 12 and 18
	1) 60°	2) 95°				ectively. If both the	
	3) 900	4) 1000			-	aneously, then the tir	ne taken to
					fill the tank (i	n minutes)	
68.	Which of the foll	lowing is true if $a = \frac{3}{4}$,	$b = \frac{4}{5}$		1) $8\frac{1}{4}$	2) $7\frac{1}{5}$	
		4	. 5				
	and $c = \frac{5}{6}$?		()		3) $7\frac{2}{5}$	4) $8\frac{1}{2}$	
	1) a <c </c c 1) a <c </c 1) a <c </c 	2) a <b<c< th=""><th>` '</th><th>77</th><th></th><th>nton into a nantrone</th><th>him with</th></b<c<>	` '	77		nton into a nantrone	him with
	•	•		//-	A, B and C e	nter into a partners h A's contribution is	Rs 10.000
69.	3) c <a<b< th=""><th>4) b<a<c< th=""><th></th><th></th><th></th><th>rofit of Rs. 1,000 if</th><th></th></a<c<></th></a<b<>	4) b <a<c< th=""><th></th><th></th><th></th><th>rofit of Rs. 1,000 if</th><th></th></a<c<>				rofit of Rs. 1,000 if	
1	Let Z denote the		()	1	500 and B get	s Rs. 300, then C's	
l .	$A = \{a \in \mathbb{Z} / a - 1$	<3} and			Rupees) is ?		()
	•	•			1) 9000	2) 6000	
	$B = \{a \in \mathbb{Z} / a - 3$	•			3) 4000	4) 3500	
		ement in B - A is?		78.		for Rs. y yields x% p	
1	1) 1	2) 2			the cost price	of the article (in rup	ces) ()
-	3) 3	4) 4			100+x	· 100y	
₽.		February 2006 was a	()	1	1) $\frac{100+x}{100y}$	2) $\frac{100y}{100+x}$	
V	1) Monday	2) Tuesday			100x		
Ĭ.	Wednesday	4) Thursday			3) $\frac{100x}{100 + y}$	4) $\frac{100 + y}{100x}$	- 40
					100 T y	1000	20/

_				88.	The number of	divisors excluding	()
79	. A and B invest in	a business the ra	tio 3 : 2. II	80.	of the number	8072 12 .	` ′
1 5	100% of the total	arofit goes for dor	ations and		1) 15	2) 14	
1		810, then the tota	()	1		4) 13	
	rupees) is ?	2) 1500	•	89.	The man of	integers between 2	00 and 600,
1	1) 1550	4) 1400		69.	that are divisit	ole by 2, 3 and 7 is ?	(,)
-00	3) 1460 A Trader marks	his goods at 20%	above cost		1) 14	2) 9	
80.	price and allows	a discount of 10%	. Then the	1	2) 11	. 4) 10	
	percentage of his	gain is ?	. (- ·)		resh noture	I numbers, whose I	CM is 360,
	1) 8	2) 10		90.	If three natura	io 2 : 3 : 4, then th	e largest of
	3) 12	4) 15			them is?		
_	24n+1 _ 22 42n-1				1) 60	2) 90	()
81.	$\frac{2^{4n+1}-2^2 \ 4^{2n-1}}{16^n}$		()			4) 180	
	1) 0	2) 4			3) 120	8 A.M. with a speed	of 65 kmph
	3) 2	4) 1		91.	A Car starts at	ollows it at 9 A.M.	with a speed
	3) 2				Another car is	The two cars will	meet in the
82.	$\frac{(0.63)^2 + (0.05)^2}{(0.062)^2 + (0.005)}$	+(0.032)	()		evening at tim		. ()
04.	$(0.062)^2 + (0.005)^2$	$^{2}+(0.0032)^{2}$	` . · · · ·				
	1) 1	2) 10			1) 4	2) 6	
	3) 100	4) 1000			3) 8	4) 10	
	en en * Transition	v	- x	92.	For integers a	and b, if a b de	notes the re-
83.	If $1.8x = 0.06y$, the	n the value of	is		mainder whe	n a + b is divided	by 9, then
1		y .	T A	1	$(4 \oplus 6) \oplus 8 = 9$?	(.)
	1) $\frac{0.026}{0.031}$	2) 0.27			1) 0	2) 1	
	0.031	0.31	()		and the second second second second	4) 3	
	20	2.8		-	3) 2		
	3) $\frac{29}{31}$	4) $\frac{2.8}{3.1}$		93.	$(0.333)^2 = 5$		()
	J	J. I.			1) 0.09	2) 0.09	•
84.	Two numbers are						
	added to each, the	y are in the ratio	5 : 7, then	<u> </u>	3) 0.1	4) 0.9	
	the numbers are?			94.	If the base ra	adii of two cylinde	rs are in th
	1) 20 and 35	2) 15 and 18	()		ratio 2:3 and	l their heights are is	n the ratio 9
		4) 16 and 28			5, then the ra	tio of their volume:	sis? (
85.	The incomes of A	and B are in the	ratio 3 : 4	1	1) 11: 8	2) 4 : 5	
	and their expendit	ures are in the ra	tio 4 : 5. If	1	3) 1 : 4	4) 5 : 14	
	B saves one third o	f his income, the	n the ratio	95.		umber, then the ma	vimum valu
	of their savings is		()	'	of $f(x) = 13$		AILLIUILI VAIN
	1) 13 : 21	2) 13 : 20		1			,
	3) 14 : 23	4) 12 : 19		1	1) 6	2) 26	
	6 1	4	-	-	3) 13	4) 20	
86.	$2\sqrt{3}+\sqrt{6} \sqrt{3}-\sqrt{3}$	$\sqrt{2} + \sqrt{6} - \sqrt{2} =$	(,)	96.		tge of 5 children is 8	
						ther of the childre	
	1) √3	2) $\sqrt{2}$		1		becomes 13, then the	he age of the
	3) √6		_	1.	father (in yea	rs) is ?	
	-7.40	4) $\sqrt{2} - \sqrt{3} + \sqrt{3}$	/6		1) 30	2) 34 💌	()
	J7+J5 J7 J				3) 37	4) 38	
87.	$\frac{\sqrt{7}+\sqrt{5}}{\sqrt{7}-\sqrt{5}}+\frac{\sqrt{7}-\sqrt{5}}{\sqrt{7}+\sqrt{5}}$	= =	()	97.		possible length of a	scale which
	$\sqrt{7} - \sqrt{5} = \sqrt{7} + \sqrt{3}$	5	()	1.7	can be used to	measure exactly th	e lengths 1m
	1) 2 /25	2)		1	20cm, 9m, 1m	5cm and 1m 65cm	is? ()
	1) $2\sqrt{35}$	2) $-2\sqrt{35}$			1) 35cm	2) 25cm	
	3) 12	4) 14		1.	3) 5cm	4) 15cm	

4) 15cm

98	3. The ascending or is?	der of the number	$s\frac{7}{8},\frac{9}{11},\frac{5}{7}$	106.	water. If the a	tank has 2.6 cubic m rea of the base of the then the depth of w	tank	is
	1) $\frac{7}{8}$, $\frac{9}{11}$, $\frac{5}{7}$	2) $\frac{9}{11}$, $\frac{7}{8}$, $\frac{5}{7}$	()		1) 3.5	2) 4	(1
1 -	8, 11, 2	2) 11' 8' 7	. ()		3) 5	4) 8	,	1
99	3) $\frac{5}{7}$, $\frac{9}{11}$, $\frac{7}{8}$ Among the surds		d 4/c the	107.	A Cylinder is o radius 8 mete	of height 8 meters and rs. The maximum le rod that can be place	ngth (in
77	largest one is ?	72, 74, 72 all	u √6, the		1) %5	2) 8√2	, (
	1) √2	2) 3√4			3) 8√3	4) 8 $(2\pi + 1)$		
	3) ₹√2	4) \$\\(\delta \)		108.	The inner and	outer radii of a circu	lar tra	ck
100.	If the salary of A i of B, then the sala by?	s 20% more than			are respectivel	y 21m and 28m. The co k at Rs. 5 per square	ost of l	ev-
	1) $16\frac{2}{3}\%$	2) 20%	()		1) 1078	2) 2156		
	3) 18%	4) 15%			3) 4312	4) 5390		_
101.	A Man sells 320 n 400 mangoes. The is? 1) 10		of his gain	109.	The radius of cumscribe a r breadth 5 feet	the circle (in feet) tha rectangle of length 12 , is ?	feet a	ir- ind)
	3) 20	4) 25	()		1)6	2) 6.5		
102.	Two taps can fill a		and 7 min-		3) 7	4) 8.5		
	utes respectively. A minutes. If all the			110.		rface area of a cylinde		
	taneously, then the tub is ? 1) 105 3) 120	2) 115 4) 135	to fill the		the area of its radius and hei 1) 4:3 3) 2:3	base. Then the ratio of ight is? 2) 3:5 4) 3:2	of its b)
103.	taneously, then the tub is ? 1) 105 3) 120 A, B and C can do: days respectively. I ing together to com	2) 115 4) 135 a piece of work in f they get Rs. 415	to fill the	111.	radius and hei 1) 4 : 3 3) 2 : 3 li) ALG GEOME	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY	of its b	
103.	taneously, then the tub is ? 1) 105 3) 120 A, B and C can do days respectively. I	2) 115 4) 135 a piece of work in f they get Rs. 415	to fill the	111.	1) 4:3 3) 2:3 ii) ALG GEOME 16 ^{1/3} x 16 ^{1/9} x 1	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x∞ ?	of its b)
	taneously, then the tub is ? 1) 105 3) 120 A, B and C can do days respectively. I ing together to comis (in rupees)? 1) 170 3) 175	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, then 2) 185 4) 180	14,5 and 7 For work- 1A's share	111.	1) 4:3 3) 2:3 (ii) ALG GEOME 16 ^{1/3} x 16 ^{1/9} x 1 1) 1	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x ? 2) 4	of its b	
	taneously, then the tub is ? 1) 105 3) 120 A, B and C can do days respectively. I ing together to com is (in rupees)? 1) 170 3) 175 A car covers a certs	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, their	4,5 and 7 for work- A's share		1) 4:3 3) 2:3 ii) ALG GEOME 16 ^{1/3} x 16 ^{1/9} x 1	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x ? 2) 4 4) 16	(
	taneously, then the tub is ? 1) 105 3) 120 A, B and C can do days respectively. I ing together to com is (in rupees)? 1) 170 3) 175 A car covers a certs of 60 kmph and ret	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, their	4,5 and 7 for work- A's share ()		radius and her 1) 4:3 3) 2:3 li) ALG GEOME 16 ^{1/3} x 16 ^{1/9} x 1 1) 1 3) 6	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x ? 2) 4 4) 16	. (
	taneously, then the tub is ? 1) 105 3) 120 A, B and C can do days respectively. I ing together to com is (in rupees)? 1) 170 3) 175 A car covers a certs	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, then 2) 185 4) 180 and distance going urns to the starti. Then the average	4,5 and 7 for work- A's share () stagged ag point at ge speed of		radius and hei 1) 4:3 3) 2:3 li) ALG GEOME 16 ^{1/3} x 16 ^{1/9} x 1 1) 1 3) 6 lf (n + 2)! = 12	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x ≈ ? 2) 4 4) 16 2n!, then n = ?	. (
	taneously, then the tub is ? 1) 105 3) 120 A, B and C can do: days respectively. It ing together to comis (in rupees)? 1) 170 3) 175 A car covers a certs of 60 kmph and ret a speed of 40 kmph the car (in kmph) is 1) 56	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, then 2) 185 4) 180 ain distance going urns to the starti Then the averagior the whole jou 2) 60	4,5 and 7 for work- A's share () stagged ag point at ge speed of		radius and her 1) 4:3 3) 2:3 II) ALG GEOME 16 ^{1/3} x 16 ^{1/3} x 1 1) 1 3) 6 If (n + 2)! = 12 1) 2 3) 6 If the first two	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x ? 2) 4 4) 16 2n!, then n = ? 2) 4 4) 8 terms in an H.P. an	. ())
	taneously, then the tub is? 1) 105 3) 120 A, B and C can do: days respectively. I ing together to comis (in rupees)? 1) 170 3) 175 A car covers a certs of 60 kmph and ret a speed of 40 kmph the car (in kmph) ft. 1) 56 3) 48	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, then 2) 185 4) 180 ain distance going urns to the starti Then the averagor the whole jou	4,5 and 7 for work- A's share () stagged ag point at ge speed of	112.	radius and her 1) 4:3 3) 2:3 (ii) ALG GEOME 16 ^{1/3} x 16 ^{1/9} x 1 1) 1 3) 6 If (n + 2)! = 12 1) 2 3) 6	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x ? 2) 4 4) 16 2n!, then n = ? 2) 4 4) 8 terms in an H.P. an	. ())
104.	taneously, then the tub is ? 1) 105 3) 120 A, B and C can do: days respectively. It ing together to comis (in rupees)? 1) 170 3) 175 A car covers a certs of 60 kmph and ret a speed of 40 kmph the car (in kmph) is 1) 56	2) 115 4) 135 a piece of work in f they get Rs. 414 plete the job, thei 2) 185 4) 180 ain distance going urns to the starti. Then the averagior the whole jou 2) 60 4) 52	14,5 and 7 5 for work- n A's share () stagetd ng speed of rney is ? ()	112.	II) ALG GEOME 10 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x∞? 2) 4 4) 16 2n!, then n = ? 2) 4 4) 8 o terms in an H.P. and term is ? 2) 2	. ())
104.	taneously, then the tub is? 1) 105 3) 120 A, B and C can do days respectively. I ing together to comis (in rupees)? 1) 170 3) 175 A car covers a certs of 60 kmph and ret a speed of 40 kmph the car (in kmph) is 1) 56 3) 48	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, their 2) 185 4) 180 ain distance going urns to the starti. Then the averagior the whole jou 2) 60 4) 52 work in 2 days an	of 4,5 and 7 for work- h A's share () stageed ng point at ge speed of rney is ? () d B can do	112.	II) ALG GEOME 10 1 2 3 II) ALG GEOME 16 10 x 16 10 x 1 10 1 30 6 If (n + 2)! = 12 10 2 30 6 If the first two then the third	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x ~ ? 2) 4 4) 16 Pull, then n = ? 2) 4 4) 8 terms in an H.P. and term is ?	. ())
104.	taneously, then the tub is? 1) 105 3) 120 A, B and C can do: days respectively. It ing together to comis (in rupees)? 1) 170 3) 175 A car covers a certs of 60 kmph and ret a speed of 40 kmph the car (in kmph) is 1) 56 3) 48 A can do 1/5 to the vent	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, then 2) 185 4) 180 and distance going urns to the starti. Then the averagior the whole jou 2) 60 4) 52 work in 2 days and in the number.	to fill the () 14,5 and 7 5 for work- n A's share () 35 a greed d ng point at ge speed of rney is ? () d B can do per of days	112.	II) ALG GEOME 10 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x∞? 2) 4 4) 16 2n!, then n = ? 2) 4 4) 8 o terms in an H.P. and term is ? 2) 2	. ())
104.	taneously, then the tub is? 1) 105 3) 120 A, B and C can do days respectively. I ing together to comis (in rupees)? 1) 170 3) 175 A car covers a certs of 60 kmph and ret a speed of 40 kmph the car (in kmph) it 1) 56 3) 48 A can do \frac{1}{5} to the vertain to the car do it in 5 days that both A and B 1) 10	2) 115 4) 135 a piece of work in f they get Rs. 415 plete the job, then 2) 185 4) 180 and distance going urns to the starti. Then the averagior the whole jou 2) 60 4) 52 work in 2 days and in the number.	to fill the () 14,5 and 7 5 for work- n A's share () 35 a greed d ng point at ge speed of rney is ? () d B can do per of days	112.	II) ALG GEOME 10 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x∞? 2) 4 4) 16 2n!, then n = ? 2) 4 4) 8 o terms in an H.P. and term is ? 2) 2	. ())
104.	taneously, then the tub is? 1) 105 3) 120 A, B and C can do days respectively. I ing together to comis (in rupees)? 1) 170 3) 175 A car covers a certs of 60 kmph and ret a speed of 40 kmph; the car (in kmph) is 1) 56 3) 48 A can do $\frac{1}{5}$ to the standard of it in 5 days that both A and B	2) 115 4) 135 a piece of work in if they get Rs. 415 plete the job, then 2) 185 4) 180 ain distance going urns to the starti. Then the average for the whole jou 2) 60 4) 52 work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the work in 2 days and in the number of the numbe	to fill the () 14,5 and 7 5 for work- n A's share () 35 a greed d ng point at ge speed of rney is ? () d B can do per of days	112.	Tadius and hele 1) 4:3 3) 2:3	2) 3 : 5 4) 3 : 2 EBRAICAL AND TRICAL ABILITY 6 ^{1/27} x ? 2) 4 4) 16 2n!, then n = ? 2) 4 4) 8 terms in an H.P. arter is ? 2) 2 4) 5	((re 6 ar))

115	. If the product and	sum of the roots of a qua-	123.		ntersection of the lines - y - 5 = 0 lies on the	
	desticemention are	$\frac{1}{4}$ and $\frac{5}{4}$ respectively, then	1		= 0, then the value of	
				1) -2	2) 2	
	the equation is?	2) -2 15-+2 = 0		3) 0	4) 1	
	1) $12x^2 - 4x + 3 = 0$	2) $x^2 - 15x + 3 = 0$ 4) $4x^2 + 5x - 1 = 0$	124.	The image of	the origin with respe	ect of the
l-		n A.P. is $3n+2$ then the sum			x + 3y - 25 = 0 is?	()
116.	of the first 8 terms			1) (2, 3)	2) (8, 6)	
	1) 112	2) 124		3) (-8, 6)	4) (6, -8)	
l	3) 136	4) 169	125.	If $x + y + \mu =$	$0 \text{ and } \lambda x - 5y - 5 = 0$	represent
117		tor cycle makers 1000 revo-		the same line	then $\lambda + \mu = ?$	()
		distance of 550 meters, then		1) 1	2) 0	
	the radius (in centi	meters) of the wheel is?		3) –4	4) –1	
	1) 8.75	2) 17.5			77	
	3) 16	4) 55	126.	For $0 < \theta < \pi$:	and $\theta \neq \frac{\pi}{2}$, if 1 + sin ($\theta + \sin^2 \theta +$
		(2.5)			•	
118.	The inverse of the r	natrix $A \begin{pmatrix} 3 & 5 \\ 1 & 2 \end{pmatrix}$ is?		= $4+2\sqrt{3}$,	then $\sin \theta = ?$	()
	4 7	(1 2)			,	
	(2 5)	(2 -5)	3	1) $\frac{1}{\sqrt{2}}$	2) $\frac{\sqrt{3}}{2}$	16
	$1)\begin{pmatrix} 2 & 5 \\ 1 & -3 \end{pmatrix}$	$2) \begin{vmatrix} 2 & 3 \\ -1 & 3 \end{vmatrix}$ ()		√2	2	· p. '
	(1 3-3)	(-1 3)	- S-G		2	
	(-2 -5)	(5 -3)		3) $\frac{1}{2}$	4) $\frac{2}{\sqrt{5}}$	
	3) $\begin{pmatrix} -2 & -5 \\ 1 & 0 \end{pmatrix}$	4) 2 -1		. 2	43	
	(, 0)	(2. 1)	127.		ed meters away from	
	(2-1)(x) (4)			op of the tower is obs	
119.	$\ \mathbf{f}\ _{1} \ \mathbf{v}\ _{2} = 5$	$\begin{cases} 1 \\ 3 \\ 3 \\ 3 \\ 4 \end{cases}, \text{ then } 2x - 3y = ? ()$	1	•	ation of 30°. Then th	e height of
	, ,,, ,	,	1	the tower (in	meters) is :	()
	1) 1	2) –1	1	1) 100	2) $100 + \sqrt{3}$	
	3) 2	4) 0	.	_	_	
120.	•	oots of the equation ax2 +		3) $100 - \sqrt{3}$	4) 100√3	1
	Dx + c = 0, where $x = 0$	and c are not equal to zero	128.	If tan θ + cot	$\theta = 2$, then $^{8}\theta + \cot ^{8}\theta$	θ=?
	then $\frac{\alpha}{\beta^2} + \frac{\beta}{\alpha^2} = ?$			1) 1.	2) 2	()
	β^2 α^2	()		3) 8	4) 16	` '
	2.L. L3	2-1- 13	120			1) are col
	1) $\frac{3abc-b^3}{ac^3}$	2) $\frac{3abc - b^3}{ac^2}$	129.		(x, 2), (–3, 4) and (7, he value of x is ?	-1) are con
	ac	ac²	1			
	3abc -b3			1) 1	2) 0	
	3) $\frac{3abc-b^3}{ac}$	4) 0		3) –1	4) 2	
121.	(tan 470 + cot 479) (c	$\sin 47^{\circ} \times \cos 47^{\circ}) = ?$	130.		ment, then which of t	he followill
	1) 0			is a tautology	<i>y</i> ?	()
	1)0	2) 1	1	1) p A (~ p)	2) p v (~ p)	
	1	4) $\frac{\sqrt{3}}{2}$			4) (~p) ∧ (~	6)
	3) $\frac{1}{2}$	4) $\frac{\cdot}{2}$		3)~(~p)		-4
122.	The area of the ou	adrilateral formed by the	131.	If $A = \{n \in \mathbb{Z}$	$:1 \le n \le 40$ and 3 div	ides n}, and
	points $A = (a, 0)$. $B =$	= $(0, a)$, $C = (-a, 0)$ and $D =$		$\mathbf{B} = \{ \mathbf{n} \in \mathbf{Z} : 1 \}$	≤n≤35 and 6 divid	ies n}, the
	(0, -a) is ?	()	1.0	A - B = ?	CN STREET, FAS STATES IN USE	()
			1			22 20)
Mary	1) 4a ²	2) 2a ²	•	1) #	21 (3, 9, 15, 21, 27	. 33, 39
	1) 4a ² 3) a ²	2) 2a ² 4) 8a ²		1) φ 3) Α	2) {3, 9, 15, 21, 27	33/381

1.3	2. If A and B are any	two sets then (Ac	B) \(B'\' ?
1	1) A	2) A∪B	()
	3) A ^c	4) B	
13.	3. The set of values	of x that satisfy	5x-3 = 7,
	is?		()
	$1)\left\{\frac{4}{5},2\right\}$	2) $\left\{-\frac{4}{5}, -2\right\}$	
_	3) $\left\{-\frac{4}{5}, +2\right\}$	4) {3, 7}	2 4
134		$+ ax^2 - bx + 6, t$	hen the or-
	dered pair (a, b) =		()
	1) (6, 1)	2) (-6, -1)	
_	3) (-6, 1)	4) (6, -1)	
135.	If $f(x) = \frac{1}{x}$, $x \neq 0$	and $f^n(x) = f(f^n)$	¹(x)), then
	$f^{50}\left(\frac{1}{50}\right) = ?$		()
	1) 1	2) 100	
	3) 50	4) $\frac{1}{50}$	
136.	If $3^{x+1} + 2^{2x+1} = 270$	30	
130.	1) 1 2) 2		(' ')
	1)1 2)2	3) 0 4)	4
137.	The 9th term in the	expansion of $\left(\frac{a}{3}\right)$	$\left(-\frac{b}{2}\right)^{12}$ is?
137.			$\left(-\frac{b}{2}\right)^{12}$ is?
137.			
137.	The 9th term in the $1) \frac{55a^4b^8}{2403}$	expansion of $\left(\frac{a}{3}\right)$ $2) \frac{55a^4b^8}{2304}$	$\left(\begin{array}{c} -\frac{b}{2} \end{array}\right)^{12} \text{ is?}$
137.	1) $\frac{55a^4b^8}{2403}$	$2) \; \frac{55a^4b^8}{2304}$	
137.			
	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$	$2) \frac{55a^4b^8}{2304}$ $4) \frac{55a^4b^8}{2304}$	()
137.	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integration	$2) \frac{55a^4b^8}{2304}$ $4) \frac{55a^4b^8}{2304}$	expansiop
	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the	()
	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integor ($5^{1/2} + 7^{1/6}$) ¹⁰²⁴ is ?	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the 2) 128	expansiop
138.	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integor ($5^{1/2} + 7^{1/8}$) ¹⁰²⁴ is ? 1) 129 3) 130	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the	expansiop
	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of interest of $(5^{1/2} + 7^{1/8})^{1024}$ is ? 1) 129 3) 130 Lt $\sqrt{x^2 + 1} = 2$	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the 2) 128	expansiop
138.	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integration of $(5^{1/2} + 7^{1/8})^{1024}$ is ? 1) 129 3) 130 $\frac{\text{Lt}}{x \to \infty} \frac{\sqrt{x^2 + 1}}{2x - 1} = ?$	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the 2) 128 4) 132	expansiop ()
138.	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integ of $(5^{1/2} + 7^{1/6})^{1024}$ is ? 1) 129 3) 130 Lt $\sqrt{x^2 + 1}$ 1) 0	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the 2) 128 4) 132	expansiop ()
138.	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integration of $(5^{1/2} + 7^{1/8})^{1024}$ is ? 1) 129 3) 130 $\frac{\text{Lt}}{x \to \infty} \frac{\sqrt{x^2 + 1}}{2x - 1} = ?$	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the 2) 128 4) 132	expansiop ()
138.	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integ of $(5^{1/2} + 7^{1/8})^{1024}$ is ? 1) 129 3) 130 Lt $\sqrt{x^2 + 1}$ $x \to \infty$ $\sqrt{x^2 + 1}$ 1) 0 3) $\frac{1}{2}$ 1+sec A tan A	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the 2) 128 4) 132 2) 1 4) $-\frac{1}{2}$	expansiop ()
138.	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integ of $(5^{1/2} + 7^{1/8})^{1024}$ is? 1) 129 3) 130 Lt $\frac{\sqrt{x^2 + 1}}{2x - 1} = ?$ 1) 0 3) $\frac{1}{2}$ $\frac{1 + \sec A}{2\tan A} + \frac{\tan A}{2(1 + \sec A)}$	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the 2) 128 4) 132 2) 1 4) $-\frac{1}{2}$ $-\frac{1}{2}$	expansiop ()
138.	1) $\frac{55a^4b^8}{2403}$ 3) $\frac{55a^8b^4}{2304}$ The number of integ of $(5^{1/2} + 7^{1/8})^{1024}$ is ? 1) 129 3) 130 Lt $\sqrt{x^2 + 1}$ $x \to \infty$ $\sqrt{x^2 + 1}$ 1) 0 3) $\frac{1}{2}$ 1+sec A tan A	2) $\frac{55a^4b^8}{2304}$ 4) $\frac{55a^4b^8}{2304}$ gral terms in the 2) 128 4) 132 2) 1 4) $-\frac{1}{2}$	expansiop ()

(iii) STATISTICAL ABILITY:

- 141. The arithmetic mean of the prime numbers lessthan 10 is?

 1) 4.5

 2) 4
 - 3) 3.6 4) 4.25
- 142. If σ is the standard deviation of x₁, x₂, ..., x₁₀₀ and c is a constant, then the standard deviation

$$x_1 + c, x_2 + c, \dots, x_{100} + c \text{ is ?}$$
1) $\sigma + c$ 2) $c\sigma$

143. If the median and mode of a distribution are respectively 24.375 and 24.125 then its mean is?

144. A Bag contains 3 red balls, 4 white balls and 7 black balls. The probability of drawing a red or a black ball is?

1)
$$\frac{4}{7}$$
 2) $\frac{1}{7}$

145. If a die is thrown, then the probability of getting an even number or a number greaterthan 3, is?

1)
$$\frac{1}{2}$$
 2) $\frac{2}{3}$ (
3) $\frac{1}{3}$ 4) $\frac{1}{6}$

146. The mean deviation of the scores 3, 5, 7, 9 and 11 from their arithmetic mean is? () 1) 0 2) 2

- 147. The median of 65, 42, 59, 70, 82, 25, 92, 49, 30 and 61 is ? ()
 1) 59 2) 60
- 3) 61 4) 49

 148. The variance of the observations 6, 7, 5, 4 and 8 is 7
 - 8 is? () $\sqrt{2}$ 2) $\sqrt{3}$
- 3) 2 4) 3

 149. The arithmetic mean of the numbers a, a+2d, a+4d,, a + 2nd, is?
 - a+4d,, a + 2nd, is? 1) a+nd 2) a+(n-1)d (n+1)d 4) a + $\frac{nd}{2}$

	Term disc anotho	rwn simultaneously, then the	PART - 2
150.	probability of ha	ving 6 on one die and any	Choose the correct answer:
i	number other tha	n 6 on other die, is ? ()	161. SEBI stands for ?
		•	Security and Economic Board of India
	1) $\frac{1}{6}$	2) $\frac{5}{6}$	2) Security and Economic Business of India
			3) Securities and Exchange Board of India
	3) $\frac{5}{36}$	4) $\frac{31}{36}$	4) Securities and Exchange Business of India
	3) 36	36	162. REPO rate means?
	SEC	TION- C	The rate at which the RBI absorbs liquidity
: 5	COMMUNICA	ATION ABILITY	2) The rate at which the RBI lends to banks
Ouest	tions : 50	Marks: 50	3) The rate at which the RBI discounts the bills
Quest		RT - 1)	of banks 4) The rate at which banks are expected to lend
Chan	se the correct mean		money
	Enigmatic?	(.)	163. A point where two or more computer networks
131.	LYPuzzling	2) Sharp	meets and can exchange data is called a ?
_	3) Problematic	4) Docile	1) Modem 2) Junction ()
152.		()	3) Gateway A) Server
154.	1) All powerful	2) Indefatigable	164. A kilobyte is?
	, .	4) Indomitable	1) 1000 bytes 2) (2 ³) ¹⁰ bytes
	3) All knowing	4) indomitable	3) 1024 bytes 4) (1000)8 bits
153.	Flagrant?	0**Cll	165. Classified advertising means?
	1) Scented	2) Shameless	1) Commercial messages arranged in a news-
	3) Patriotic	4) Burning	paper according to the interests of the read-
154.	Ubiquitous?	()	0.0
	1) Somewhere	2) Everywhere	2) Advertisement by people who donot like to
<u> </u>	3) Nowhere	4) Hardware	disclose their identity 3) Messages requiring clearance by the Adver-
155.	Tardy?	()	tising Society of India
	1) Quick	2) Sluggish	4) Messages cleared by the Press Information
	3) Dirty	4) Progressive	Bureau of the Government concerned
156.	Incongruous?	()	166. URL is the abbreviation of?
	1) Out of time	2) Out of country	1) Uniform Resource Locator
	3) Out of space	A) Out of place	(2) User Reference Location
Fill in	the blank choosin	g the correct word :	3) Uninterrupted Relay Leveller
		resolve our differences-?	4) Uninterrupted Reply Locator
	1) Amiably	2) Arguably (167. COBOL is the abbreviation of? ()
	3) Amicably	4) Affably	Comprehensive Business Organization Language
158	The study of coin		2) Comprehensive Business Oriented Language
,	1) Archaeology	2) Palaeontology	20) Common Business Oriented Language
1	3) Orthography	Alacomology Numismatics	4) Concise Business Organization Language
150			- 168. GDP is ?
1,37.	A man with a spli		1) Gross Domestic Product
•	1) Iunatic		2) Gross Data Preparation
- 12	3) Sadist	(4) Schizophrenic	3) Growing Demand Price
160.	It wasn't very	_ of you to ring me up at th	e 4) General Data Project
	office during wor	· · · · · · · · · · · · · · · · · · ·	169. One who accesses a system illegally is called a?
1	(1) discreet	2) discrete	X) Hawker 2) Browser ()
4	3) distinguished	4) delinquent	3) Spammer 4) Hacker
24			-) Spanner Tyriacker

170. Copytests are intended to test? () 1) the effectiveness of communication of an advertisement 2) the original feature of an official draft 3) the fidelity of communication network in an organisation 4) the capacity of duplicating equipment in an office. PART - 3 Choose the correct answer: 171. Mary: May I speak to Mr. Brown, please? Robert: You cannot. He is in the bathroom.	176. "John is a bull in a china shop". This sentence means? () 2) John is strong and steady 2) John is sturdy-looking but weak 3) John is irresponsible 4) John is rough and clumsy 177. "I'm afraid your answer is wrong". In this sentence "I'm afraid" means? () 2) I'm sorry 2) I'm frightened 3) I'm worried 4) I'm surprised Fill in the blank with the appropriate phrase/verb/ preposition: 178. Microsoft has recently
In the above conversation	version PC?
1) Robert is rude	1) unvelled 2) unearthed
2) Robert is polite	3) unplugged 4) unleashed
3)-Robert is formal	179. The University the honorary degree on the celebrity?
4) Robert is pleasant	1) deferred (2) conferred
172. "It isn't so foggy today as it was yesterday', I	3) confirmed 4) collocated
remarked". The Indirect Speech form of this sentence is? 1) I remarked that it wasn't so foggy that day as it was the previous day	180. Her classmates were jealous of her success; they were therefore constantly running her? 1) across 2) against
2) I remarked that it wasn't so foggy that day as	3) off 4) down
it had been yesterday	181. I tried but could not prevail him? ()
A) I remarked that it wasn't so foggy that day as it had been the day before	3) on 4) for
 I remarked that it wasn't so foggy that day as it has been the previous day 	ence?
173. "Burglars broke into the house." The passive voice form of this sentence is?	3) through 4) round
1) The house was broken	183. You inform the police about the incident?
2) The burglars were broke	1) have better 2) may better ()
3) The house has been broken into	3) had better 4) might better
The house was broken into	184. After not speaking to each other for years, the
174. "I wish I knew German". In this sentence the	
speaker?	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
wants to learn German	3) bury the hatchet 4) bury the helmets 185. The firemen have been trying hard to the
2) does not know German	fire?
3) knows German	1) put down 2) put away
4) knew German in the past	A) and out
175. "Would you care for a cup of tea, Mr Kishore?" In this sentence the speaker? ()	
wants to know whether Kishore likes tea on not	Read the following passage and answer questions
is inviting Kishore to have a cup of tea	186 - 190: A traveller who studies the menu on a transat-
3) is requesting Kishore to offer him a cup of tea	
4) wants to know whether Kishore can carefully drink a cup of tea	The same and the most
while is only of reg	

feeling about education, which also offers an enormous bill of fare. Almost any dish can be found in it, from Greek to stenography, from music to economics. How are we to choose from the bewildering profusion? What dishes ought we to order if we wish not merely to fill ourselves up, but to get the nourishment necessary to a healthy life, to become really educated people?

What is the aim of education? Its aim is to know the first-rate in any subject that we study, with a view to achieving it as nearly as our powers allow. We should cease to think that we go to school or college to pass examinations or to secure degrees or diplomas or to satisfy our teachers or parents, though these may be and are incidental and limited objectives.

The difficulty with education, as with life, is that it has so many fields. So what fields to study? An educated man should know what is first-rate in those activities which spring from the creative and intellectual faculties of human nature, such as literature, art, architecture, and music. Where does one learn what is first-rate? The only way to learn it is to meet it. A medical student will learn something from seeing a great surgeon in the operating theatre, or a great doctor in the hospital wards, which all the text books in the world cannot tell him. In any field the only way to learn what is first-rate is to see it. And the same surely is true in life itself. How is one to acquaint with the good life and find people who have lived it. Who are they? And where shall we meet them? Humanities answer the need. In all other subjects we see only a part of human nature, and not the best or the most characteristic part.

If, however, we wish to see main, as I put it, full face, in a lively form, or these three, it is to literature that we must turn. Is there any better way of learning what men are, so far as it can be learned from books and not from meeting human beings?

- 186. The author prefers literature to other subjects because?
 - 1) It offers a comprehensive picture of man
 - 2) It offers an enormous bill of fare
 - 3) In its profusion it illustrates a part of human nature
 - 4) It helps us meet human beings and understand them
- 187. Humanities are a source book of knowing about?
 - 1) Good life and how it is lived
 - 2) The experience of seeing
 - 3) Seeing a surgeon in the operating theatre
 - 4) The fact that seeing is believing
- 188. What is common to the menu offered on a transatlantic liner and in the field of education?
 - 1) Tasty dishes
 - 2) Paralysed feeling
 - 3) Wide-ranging variety
 - 4) Greek and stenography

- 189. According to the author of the passage?
 - 1) Knowing is learning
 - 2) Speculating is learning
 - 3) Writing is learning 4) Seeing is learning
- 190. The higher objective of education is ? (
 - 1) to plod through within one's limitations
 - 2) to identify and reach the peak 3) to secure degrees or diplomas
 - 4) to appease one's parents and teachers

Read the following passage and answer questions 191 - 195:

The most extraordinary dream I ever had was one in which I fancied that, as I was going into a theatre, the cloak-room attendant stopped me in the lobby and insisted on my leaving my legs behind. I was not surprised; but I was considerably annoyed. I said I had never heard of such a rule at any respectable theatre before, and that I considered it a most absurd regulation. The man replied that he was very sorry, but that those were his instructions. People complained that they could not get to and from their seats comfortably, because other people's legs were always in the way, and it had, therefore, been decided that everybody should leave their legs outside. It seemed to me that the management, in making this order, had gone beyond their legal right; and, under ordinary circumstances. I should have disputed it. However, I didn't want to make a disturbance; and so I sat down and meekly prepared to comply with the demand. I had never before known that the human leg could be unscrewed. I had always thought it was more securely fixed. But the man showed me how to undo them, and I found that they came off quite easily. The discovery did not surprise me any more than the original request that I should take them off. Nothing does surprise one in a dream.

- 191. What surprised the writer?
 - 1) The attendant asking him to leave the legs behind
 - 2) The rule to leave the legs behing
 - 3) The dream 4) Nothing
- 192. What kind of dream does the writer say he had?
 - 1) Funny
- 2) Terrible
- 3) Unusual
- 4) Wonderful
- 193. How did the writer feel about being asked to leave his legs behind?
 - 1) Surprised
- 2) Happy
- Scared
- 4) Angry
- 194. The cloak-room attendant asked everyone () leave their legs behind because?
 - 1) He liked it
 - 2) He was instructed to do so
 - 3) He did not have legs
 - 4) He wanted to fight with everyone who came to the theatre

When the writer was asked to leave his legs behind, he? 1) did not do so 2) was not able to do so 3) did so 4) ran away

Read the following passage and answer questions 196 - 200 :

Plenty of people will try to give the masses an intellectual food by trying to indoctrinate masses with a set of ideas and judgements constituting the creed of their profession or party. But culture works differently. It does not try to teach down to the level of inferior classes. It seeks to do away with classes; to make the best that has been thought and known in the world current everywhere; to make men live in an atmosphere, where they may use ideas freely, -nourished, and not bound by them.

The men of culture are the true apostles of equality. The great men of culture are those who have had a passion for diffusing, for making prevail, for carrying from one end of society to the other, the best knowledge, the best ideas of their time; who have laboured to divest knowledge of all that was harsh, uncouth, difficult, abstract, professional, exclusive; to humanise it, to make it efficient outside the clique of the cultivated and the learned, yet still remaining the best knowledge and thought of the time, and a true source, therefore, of good culture. Generations, will pass and literary monuments will accumulate, but this principle will hold on.

196.	Great men have tried to free cultur	re from	?
	1) its confinement by kings alone	. ()
	2) its confinement by politicians		•
	3) its confinement by a coteries		
	4) its confinement by educationists		
197.	Great men of culture have always	tried to	0?
	1) Monopolise culture	(
	2) Exploit culture for selfish ends		
	3) Commercialise culture		
	4) Humanise culture		
198.	Culture ?	. (
	1) Indoctrinates people		
	· · · · · · · · · · · · · · · · · · ·		
	Preaches religion to people		

199. Culture promotes?

). Culture?	200.
4) A democratic dissimmination of ideas	
3) The monopoly of ideas	
2) The destruction of ideas	
1) The autocracy of certain ideas	
13	

1) Encourages class distinctions

4) Vulgarizes people

- 2) Annihilates the barrier of classes
- 3) Instigates class distinctions
- 4) Offers an analysis of class distinctions

1) 4	2) 3	3) 2	4) 1	5) 3	6) 4	7) 1	8) 2	9) 3	10:1
11)3	12) 4	13) 1	14) 4	15) 3	16) 3	17) 4	18) 3	19) 3	20)3
21) 4	22) 2	23) 1	24) 1	25) 2	26) 3	27) 4	28) 2	29) 1	30) 3
31) 1	32) 4	33) 1	34) 2	35) 2	36) 4	37) 1	38) 1	39) 3	40) 4
41) 2	42) 4	43) 2	44) 2	45) 2	46) 4	47) 1	48) 4	49) 2	50) 3
51) 3	52) 1	53) 3	54) 4	55) 3	56) 3	57) 1	58) 2	59) 4	60) 3
61) 2	62) 4	63) 3	64) 2	65) 3	66) 3	67) 3	68) 2	69) -	70) 2
71) 3	72) 2	73) 3	74) 4	75) 3	76) 2	77) 3	78) 3	79) 2	80) 1
81) 4	82) 3	83) 3	84) 4	85) 2	86) 1	87) 3	88) 2	89) 4	90) 3
91) 4	92) 1	93) 4	94) 2	95) 3	96) 4	97) 4	98) 3	99) 4	100) 1
101) 4	102) 1	103) 3	104) 3	105) 3	106) 2	107) 1	108) 4	109) 2	110)3
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131) 2	132) 2	133) 3	134) 2	135) 4	136) 2	137) 4	138) 2	139) 3	140) 3
141) 4	142) –	143) 4	144) 3	145) 2	146) 3	147) 2	148) 1	149) 1	150) 2
151) 1	152) 3	153)_2	154).2	155) 2	156).4	157) 3	158) 4	159) 4	160) 1
161) 3	162)4	163),4	164) 3	165) 1	166) 2	167) 3	168) 1	169) 1	170) 1
171) 3	172) 3	173) 4	174) 1	175)2	176) 1	177) 1	178) 1	179) 2	180) 4
181) 3	182) 1	183) 2	184) 2	185) 3/	186) 1	187) 2	188) 3	189) 4	190) 1
191) 1	192) 3	193) 3	194) 2	195) 3	196) 4	197) 4	198) 1	199) 4	200) 2
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