*	INT	SO		DU	CATI		N		
IN CLA	APTITUDE ASS : VII	E TALEN	T SEARC Stagi	CH OLYM E - 2	PIAD (ATSO) 20 TIME Max. Mark	15 - 2(:60 xs :50	016 min.		
Instructions: ⇒ Fill the OMR sheet completely and carefully. ⇒ Each question carries one mark and has only one correct answer. ¼ (one fourth) marks will be deducted for indicating incorrect response of each question. ⇒ The question paper contains 50 questions to be answered in 60 minutes.									
NUN	NUMBER SERIES :								
1	0, 6, 24, 60, 120, 210, 1) 240	2) 290		3) 336	4) 504	[]		
2.	$111\frac{1}{9}$, 125, 142 $\frac{6}{7}$, _		, 200, 250			[]		
	1) $166\frac{2}{3}$	2) 178 ⁴ / ₇	*.	3) $181\frac{2}{5}$	4) $192\frac{3}{7}$				
3.	3, 4, 10, 33, 136, 1) 235	2) 685		3) 642	4) 486	[]		
4.	10, 17, 26, 37, 50, 1) 82	2) 64		3) 81	4) 65	[]		
5.	46080, 3840, 384, 48, 1) 16	2) 4		3) 8	4) 6]]		
LET	TER SERIES :		INT	-50	1				
6.	DHL, PTX, BFJ, 1) CGK	2) KOS		3) NRV	4) RVZ	[]		
7.	CD, XW, IH, RS, KJ, 1) QR	2) PQ		3) ST	4) TU	[]		
8.	AE, IL, PR, VW, 1) GX	2) AA		3) CC	4) EF	[]		
9.	BMO, EOQ, HQS, 1)KSU	2) LMN		3) SOV	4) SOW	[]		
10.	G4T, J9R, M20P, P43 1) S80L	3N, 2) S90L		3) P90Q	4) P80T	[]		
NUN	MBER ANALOGY :								
11.	68 : 130 : : ? : 350 1) 210	2) 216		3) 222	4) 240]]		
12.	42 : 20 : : 64 : ? 1) 31	2) 32		3) 33	4) 34	[]		
www.intso.co.in 1									

13.	182 : ? : : 210 : 380 1) 156	2) 240	3) 272	4) 342	[]			
14.	49 : 512 : : 81 : 1) 1000	2) 100	3) 121	4) 1331	[]			
15.	23 : 96 : : 34 : 1) 136	2) 150	3) 120	4) 140	[]			
LET	TER ANALOGY :								
16.	BIGE : JQOM : : RYI 1) AGFD	MU : 2) ZFDB	3) ZGUC	4) ZYVX	[]			
17.	FILM : ADGH : : MII 1) ADGF	2) HDGE	3) HDGF	4) None	[]			
18.	DE : 10 : : HI : 1) 17	2) 20	3) 36	4) 46	[]			
19.	Rupee : India : : Yen : 1) Turkey	2) Bangladesh	3) Japan	4) Pakistan	[]			
20.	Reading : knowledge : 1) Experience	: Work : ? 2) Engagement	3) Employment	4) Experimen	[t]			
COL	DING & DECODING	:	12						
21.	In a certain code "PR would be coded as 1) AMKNPCFCLOM 3) AMKNPCFCLQG	CODUCTS" is written a	as "NPMBSARQ" then2) AMKNPCFCLQG4) AMKNPCFCKOM	n "COMPREH ML IL	ENS] [ION"]			
22.	If "CAB" is coded as 1) XYUZ	WUV. How is "DEAF" 2) UWYV	coded in the language a 3) XWUY	4) UYXZ	[]			
23.	If A = 2, M = 26, Z = 1) 44	= 52, then BET = ? 2) 54	3) 64	4) 72	[]			
24.	If REQUEST is writte 1) 1394	n as S2R52TU, then ho 2) IC94	w will ACID be written 3) 1D3E	? 4) B3J4	[]			
25.	If in a certain languag GBNPVT ? 1) FARMER	ge, POPULAR is coded 2) FAMOUS	as QPQVMBS, which 3) FRAMES	word would be 4) FAMOTH	e cod [ed as]			
NON	NON VERBAL SERIES :								
	PROBLEM	FIGURES	ANSWER FIGU	JRES					
26.					[]			
27.	$A B C$ $\Rightarrow \Rightarrow $	$\begin{array}{c c} D & E \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \\ \\ \\$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 $< \\ < \\ < \\ < \\ 4$	[]			

NON VERBAL ANALOGIES :								
28.	$ \bigcirc \bigoplus_{A \in B} \bigcirc ? $		4	[]			
29.	$\begin{array}{c c} O \\ O \\ A \\ B \\ C \\ D \end{array}$		4	[]			
NON	NON VERBAL CLASSIFICATION : CHOOSE THE FIGURE WHICH IS DIFFERENT							
FRO	M THE REST :							
30. EQU	$\begin{array}{c c} P & \bigcirc & \bigcup & E \\ \hline 1 & 2 & 3 & 4 \end{array}$			[]			
31	31 Fight years hance I will be thrice as old as I was four years and After how many years will the 24							
	years ? 1) 20 2) 18	3) 14	4) 12	[]			
32.	Tree 1 grows at three - seventh o what is the time required by tree 2 1) 7 years 2) 10 year	f tree 2. If both trees together grow 2 to grow 7 Ft ? rs 3) 8 years	4) 12 years	hree y [ears,,]			
33.	Some chocolates are distributed of lates and the total number of choos lates with each of them. What is to 1) 4 2) 8	equally among four children. Each colates with them is equal to twice the he number of chocolates with each 3) 12	child had eaten f the initial numbe child initially ? 4) 16	four c er of c [hoco- hoco-]			
34.	A cricket team won 3 matches mo How many matches in all have th 1) 17 2) 20	ore than they lost. If a win gives then ey played if their score is 23 ? 3) 37	n 2 points and lo 4) 40	ss –1 j [point.]			
35.	A sum of Rs. 312 was divided am and each girl Rs. 2.40. The numb	ong 100 boys and girls in such away er of girls is ?	y that each boy g	ets Rs [. 3.60			
	1) 35 2) 40	3) 60	4) 65					
	IO & PROPORTION :							
36.	If A : B = 5 : 7 and B : C = 6 : 11 1) 55 : 77 : 66 2) 30 : 42	then A : B : C is 2 : 77 3) 35 : 49 : 42	4) None	[]			
37.	If 0.75 : x : : 5 : 8, then x is equal 1) 1.12 2) 1.20	to 3) 1.25	4) 1.30	[]			
38.	If 15% of x = 20% of y, then x : y 1) 3 : 4 2) 4 : 3	7 is 3) 17 : 16	4) 16 : 17	[]			
39.	If $\frac{a}{3} = \frac{b}{4} = \frac{c}{7}$, then $\frac{a+b+c}{c}$ is eq	ual to		[]			
	1) 7 2) 2	3) $\frac{1}{2}$	4) $\frac{1}{7}$					
	inteo oo in				2			

40.	The ratio of three num 1) 9, 12, 21	bers is 3 : 4 : 7 and their 2) 15, 20, 25	product is 18144. The 1 3) 18, 24, 42	numbers are 4) None	[]			
PER	PERCENTAGES :								
41.	The ratio 5 : 4 express 1) 12.5%	ed as a percent equals 2) 40%	3) 80%	4) 125%	[]			
42.	270 candidates appear	ed for an examination, c	of which 252 passed. The	e pass persentag	ge is				
	1) 80%	2) $83\frac{1}{2}\%$	3) $90\frac{1}{3}\%$	4) $93\frac{1}{3}\%$	[]			
43.	What percent of 7.2 kg 1) 0.25%	g is 18 gms ? 2) 0.025%	3) 2.5%	4) 25%	[]			
44.	If 15% of 40 is greater 1) 12	than 25% of a number 1 2) 16	by 2, then the number is 3) 24	4) 32	[]			
45.	A student has to obtain The maximum marks a 1) 300	a 33% of the total marks are ? 2) 500	to pass. He got 125 mar 3) 800	ks and failed by 4) 1000	40 m [arks.]			
PRC	OFIT & LOSS :								
46.	A shopkeeper sells two loss. His profit or loss 1) Neither profit nor lo 3) $1\frac{11}{25}$ % profit	o watches for Rs. 308 eac persent in the entire tran	2) $1\frac{11}{25}\%$ loss 4) $3\frac{2}{25}\%$ loss	profit and on the	other [12%]			
47.	The difference between the cost price and sale price of an article is Rs. 240. If the profit is 20% t selling price is [] 1) Rs 1240 2) Rs. 1400 3) Rs. 1600 4) None								
48.	Some articles were bought at 6 for Rs. 5 and sold at 5 for Rs. 6 gain percent is ?				[]			
	1) 30%	2) $33\frac{1}{3}\%$	3) 35%	4) 44%					
49.	A man bought a horse and a carriage for Rs. 3000. He sold the horse at a gain of 20% and the carriage at a loss of 10% there by gaining 2% on the whole. Find the cost of the horse. [] 1) 1000 2) 800 3) 1200 4) 1600								
50. A pair of articles was bought for Rs. 37.40 at a discount of 15%. What must be t						ce of			
	each of the articles ? 1) Rs. 11	2) Rs. 22	3) Rs. 33	4) Rs.44	L]			
		> ~ ~ 							