	NTSO NSS : VIII		STAGE - 1	TIME Max. Marks		min.
Inst	deducted for indication	s one mark an 1g incorrect r	carefully. ad has only one correct answers esponse of each question. uestions to be answered in 6		arks v	will b
NUN	<b>MBER SERIES :</b>					
1.	0, 18, 100, 294, ? 1) 648	2) 584	3) 674	4) 568	[	]
2.	8, 9, 20, 63, 256, ? 1) 1024	2) 1278	3) 1285	4) 1045	[	]
3.	54, 9, 15, 3, 8, 2, ? 1) 1	2) 4	3) 8	4) 6	[	]
4.	47, 37, 29, 23, 19, ? 1) 15	2) 17	3) 13	4) 11	[	]
5.	2, 3, 7, 16, 32, ? 1) 49	2) 53	3) 57	4) 61	[	]
LET	TER SERIES :	1				
6.	PK, OM, LQ, GW, ? 1) AE	2) YD	3) YE	4) ZE	[	]
7.	E, X, I , U, M, R, ? 1) S	2) Q	INTSO 3) P	4) R	[	]
8.	A, C, E, G, I, K, M, ? 1) O	2) H	3) Q	4) N	[	]
9.	IQC, OTZ, UWW, AZ 1) EBP	T, ? 2) ECR	3) ECQ	4) EBQ	[	]
10.	B, F, N, Z, P, ? 1) I	2) J	3) K	4) L	[	]
ODI	O MAN (CLASSIFICA	TION):				
11.	1) Ink	2) Pen	3) Pencil	4) Sharpener	[	]
12.	1) Radio	2) X- ray	3) Television	4) Computer	[	]
13.	1) Eyes	2) Hands	3) Legs	4) Nose	[	]
14.	1) Mars	2) Saturn	3) Sun	4) Mercury	[	]
15.	1) Up	2) Down	3) Below	4) Small	[	]

NUN	IBER ANALOGY :					
16.	18 : 80 : : ? : 143 1) 26	2) 27	3) 24	4) 28	[	]
17.	4 : 29 : : 36 : : ? 1) 243	2) 253	3) 247	4) 258	[	]
18.	35 : : 24 : : 323 : ? 1) 624	2) 576	3) 276	4) 288	[	]
19.	5:20::8:? 1)72	2) 64	3) 56	4) 68	[	]
20.	61 : 67 : : 71 : ? 1) 75	2) 80	3) 87	4) 73	[	]
LET	TER AND WORD A	NALOGY :				
21.	BSK : GXP : : IMC : 1 1) NRE	? 2) NRJ	3) NRH	4) NRI	[	]
22.	JEY : WRL : : KTO : 1) XGL	? 2) PGL	3) XHL	4) XGB	[	]
23.	ADHE : DICB : : PLU 1) RULQ	JS : ? 2) RVKQ	3) RWIQ	4) RTJQ	[	]
24.	Hear : Deaf : : Speak : 1) Quiet	? 2) Silent	3) Mumb	4) Dumb	[	]
25.	Young : Old : : Wide : 1) Insufficient	? 2) Big	3) Narrow	4) Long	[	]
COL	DING AND DECODIN	IG:				
26.	In a certain code, GRE 1) TQPYJ	EAT is coded as HTHEY 2) TQOZJ	<ul><li>7. Then how is the work</li><li>3) TQOXJ</li></ul>	SOLVE coded 4) TQNYJ	? [	]
27.	In a certain code, DEP 1) NOIITDE	OSIT is coded as TISO 2) NOITDIE	PED. Then how is EDI' 3) NOITIDE	<ul><li>ΓΙΟΝ coded ?</li><li>4) NOIDITE</li></ul>	[	]
28.	In a certain code CUT 1) JAY	is coded as 1B9L13G. 7 2) JOB	Then which word is cod 3) JPY	ed as 3 G 7 H 2 4) JOY	2 W ? [	]
29.	If TRAILER is coded 1) XETDKCV	as VRCINET. How is V 2) XGREJOT	VERDICT is coded ? 3) XETCLCV	4) XEUCKC	[ V	]
30.	If SIN is coded as FVA 1) KOB	A. Then how PLE is cod 2) CZR	ed ? 3) CYR	4) CXR	[	]
EQU	JATIONS :					
31.	What is the difference l the figures 3, 5, 9, 0, 6 1) 64961		it number and the least 5 3) 63861	digit number w 4) 66861	ritten v [	with ]
32.	<i>,</i>	,	from their product. Find t	,	ոստե	ers ?
	1) 20	2) 22	3) 24	4) 26	[	]
33.	If one - seventh of one 1) 326	- sixth of a number is 8. 2) 336	Then find the number 3) 316	4) 346	[	]
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RAT	TIO AND PROPORTI	ON:						
34.	provisions last now ?	ons for 28 days. If 50 n 2) 20.5	nore men join them. F 3) 22	for how many d 4) 26	lays wi [	ll the ]		
35.		2) 20.5 vided between P, Q and I 12,000. What will be th 2) ₹ 18000	R in the ratio 3: 5 : 8. I	f the difference		en the		
36.	,	ox consists of one rupee,		,	3:5:4 [	-		
LCN	M AND HCF :							
37.	The least square num 1) 1200	ber which divides 12, 8, 2) 2400	10 is ? 3) 6400	4) 3600	[	]		
38.	•	together respectively at y toll tegether agian ? 2) 252	the intervals of 6, 9, 12 3) 256	2 and 14 second 4) 284	s. Afte [	r how ]		
39.	The product of two nu 1) 36	umbers is 432 and their I 2) 12	HCF is 6. Find the LCI 3) 48	M ? 4) 72	[	]		
PEF	RCENTAGES :	33. 25	· .*					
40.	If the price of an articl that the expenditure be	e has fallen by 20% the e the same as before ?	n what percent of its co	onsumption be	increas [	ed so ]		
	1) 25%	2) 10%	3) $33\frac{1}{3}\%$	4) 15%				
41.	If y exceeds x by 40%, then x is less than y by ? [ ]							
	1) $14\frac{2}{7}\%$	2) $28\frac{4}{7}\%$ INT	3) 25%	4) $32\frac{1}{7}\%$				
42.	The salary of Mr. A is 6 Mr. A's ?	60% more than that of M	r. B. Find what percent	of Mr. B's salar	y is les	s than ]		
	1) $37\frac{1}{2}\%$	2) $32\frac{1}{3}\%$	3) 25%	4) $35\frac{1}{2}\%$				
PRO	OFIT AND LOSS :							
43.	A watch was sold at a of 3%. What is the cos 1) 500	loss of 15%. If it was so st price ? 2) 600	old for Rs. 126 more, th 3) 700	aere would have	been a [	a gain ]		
44.	The list price of an arti	cle is Rs. 424. A custome i is 25%. The other disco 2) 15 %	er pays Rs. 286.2 for it.	·	vo succ [	esive ]		
45.	,	valent to the discount se 2) 48%		·	[	]		

sell it for ?       []         1) $80,000$ 2) $90,000$ 3) $1,00,000$ 4) $70,000$ <b>IENSURATION :</b> []         3. The volume of a cylinder with diameter of base 14cm and height 80cm is       []         1) $1120 \text{ cm}^3$ 2) $1232 \text{ cm}^2$ 3) $1356 \text{ cm}^3$ 4) $1420 \text{ cm}^3$ 9. The volume of a sphere of radius 10.5 cm is       []       ]         1) $4851 \text{ cm}^3$ 2) $4352 \text{ cm}^3$ 3) $5241 \text{ cm}^3$ 4) $3561 \text{ cm}^3$	6.		for ₹ 550 and loses son mer loss. Find the cost 2) 50	nething. If he had sold it price of the horse ? 3) 90	for ₹ 700, his gain w 4) 40	ould [	l hav ]
<b>ENSURATION :</b> 3. The volume of a cylinder with diameter of base 14cm and height 80cm is [] 1) 1120 cm <sup>3</sup> 2) 1232 cm <sup>2</sup> 3) 1356 cm <sup>3</sup> 4) 1420 cm <sup>3</sup> 9. The volume of a sphere of radius 10.5 cm is [] 1) 4851 cm <sup>3</sup> 2) 4352 cm <sup>3</sup> 3) 5241 cm <sup>3</sup> 4) 3561 cm <sup>3</sup> 9. The total surface area of a cone of radius 6cm and height 8cm is []] 1) 84 $\pi$ cm <sup>2</sup> 2) 96 $\pi$ cm <sup>2</sup> 3) 88 $\pi$ cm <sup>2</sup> 4) 94 $\pi$ cm <sup>2</sup>	7.	sell it for ?				he s	houl ]
3. The volume of a cylinder with diameter of base 14cm and height 80cm is [] 1 1120 cm <sup>3</sup> 2) 1232 cm <sup>2</sup> 3) 1356 cm <sup>3</sup> 4) 1420 cm <sup>3</sup> 2) The volume of a sphere of radius 10.5 cm is [] 1 4851 cm <sup>3</sup> 2) 4352 cm <sup>3</sup> 3) 5241 cm <sup>3</sup> 4) 3561 cm <sup>3</sup> 3) The total surface area of a cone of radius 6cm and height 8cm is [] 1 84 $\pi$ cm <sup>2</sup> 2) 96 $\pi$ cm <sup>2</sup> 3) 88 $\pi$ cm <sup>2</sup> 4) 94 $\pi$ cm <sup>2</sup>		1) 80,000	2) 90,000	3) 1,00,000	4) 70,000		
1) 1120 cm <sup>3</sup> 2) 1232 cm <sup>2</sup> 3) 1356 cm <sup>3</sup> 4) 1420 cm <sup>3</sup> [] 2) The volume of a sphere of radius 10.5 cm is 1) 4851 cm <sup>3</sup> 2) 4352 cm <sup>3</sup> 3) 5241 cm <sup>3</sup> 4) 3561 cm <sup>3</sup> [] 3) The total surface area of a cone of radius 6cm and height 8cm is [] 1) $84\pi$ cm <sup>2</sup> 2) $96\pi$ cm <sup>2</sup> 3) $88\pi$ cm <sup>2</sup> 4) $94\pi$ cm <sup>2</sup> 4) $94\pi$ cm <sup>2</sup>	1EI	<b>NSURATION</b> :					
1) $4851 \text{ cm}^3$ 2) $4352 \text{ cm}^3$ 3) $5241 \text{ cm}^3$ 4) $3561 \text{ cm}^3$ 2) $4352 \text{ cm}^3$ 3) $5241 \text{ cm}^3$ 4) $3561 \text{ cm}^3$ 1) $84\pi \text{ cm}^2$ 2) $96\pi \text{ cm}^2$ 3) $88\pi \text{ cm}^2$ 4) $94\pi \text{ cm}^2$	8.	•		•		[	]
1) $84\pi \text{ cm}^2$ 2) $96\pi \text{ cm}^2$ 3) $88\pi \text{ cm}^2$ 4) $94\pi \text{ cm}^2$	9.	-			4) 3561 cm <sup>3</sup>	[	]
	0.	The total surface are	ea of a cone of radius 6	form and height 8cm is		[	]
INTSO		1) $84\pi  \text{cm}^2$	2) $96\pi \mathrm{cm}^2$	3) $88\pi \mathrm{cm}^2$	4) $94\pi  \mathrm{cm}^2$		
			I	ITSO			