		SO E	DUCA) - 2016	J
IN CLA	TSO SS : IV	STAG	E - 1	TIME Max. Marks	: 60 n : 50	nin.
Instr द्रे द्रे द्रे	ructions: Fill the OMR sheet co Each question carrie The question paper c	ompletely and carefully s one mark and has on contains 50 questions to	ly one correct answer. N be answered in 60 min	No negative mai sutes.	rks.	
1.	What is the remainder 1) 15	when 1525 is divided w 2) 125	vith 100 3) 25	4) 5	[]
2.	What is the Quotient v 1) 8	when 98765 is divided 2) 9	with 1000 3) 98	4) 765	[]
3.	What is the largest nur 1) 9860	nber formed by using t 2) 8690	he given digits 9,6,8,0 3) 6980	4) 968	[]
4.	The number which is 1) 36,680	299 less than 36,988 is 2) 36,689	3) 36,679	4) 36,769	[]
5.	The population of a vil children then number of 1) 48,000	llage is 1,46,400. If 44,6 of children in the village 2) 48,400	552 are women and 53,3 e is 3) 48,408	340 are men and 4) 49,000	l the res [st are]
6.	If a number is divisible 1) 7	e by 2 and 3 then the nu 2) 6	mber is always divisibl 3) 8	e by 4) 9	[]
7.	The number of two dig	git numbers of the form	'aa' with same digit 'a' h	naving exactly f	our div [isors]
	1) 2	2)4 INT	3) 6	4) 8	_	
8.	What is the remainder 1) 0	when 97,695 is divided 2) 4	3) 3	4) 2	l]
9.	Nandita pays ₹78,000 1) ₹6,000	as rent for her flat in on 2) ₹6,400	ne year then the monthly 3) ₹6,500	y rent she has to 4) ₹ 7,000	o pay is []
10.	If a,b are relatively Pri 1) 144	me numbers and the L. 2) 72	C.M is 72 then ab = ? 3) 60	4) 1	[]
11.	Sum of the factors of 2 1) 28	28 is 2) 56	3) 112	4) 42	[]
12.	Sum of the digits of a 1) 874	number 10 ⁹⁹ – 99 2) 99	3) 774	4) 0	[]
13.	A number has two fact 1) composite number	tors '1' and itself only th 2) even number	en the number is called 3) odd number	4) prime nui	[nber]
14.	How many prime num 1) 20	bers are there from 1 to 2) 50	0 100 3) 25	4) 22	[]
15.	The great Mathematici 1) Egypt	an Eratosthenes belong 2) Italy	s to which country 3) America	4) Greece	[]

16.	The H.C.F of 456 and 1) 22	360 is 2) 24	3) 20	4) 25	[]
17.	The L.C.M of $\frac{3}{8}, \frac{4}{9}, \frac{6}{7}$				[]
	1) $\frac{12}{1}$	2) $\frac{24}{9}$	3) $\frac{22}{7}$	4) 72 7		
18.	The equivalent fraction	n of $\frac{3}{8}$ is			[]
	1) $\frac{9}{25}$	2) $\frac{27}{16}$	3) $\frac{9}{24}$	4) $\frac{12}{40}$		
19.	A fraction whose nume 1) like fraction	erator is '1' is called 2) mixed fraction	3) unlike fraction	4) unit fraction	[n]
20.	If a number x is divide 1) $x = ab + y$	d with y, we get the Que 2) $x = ay + b$	btient a and remainder 'b 3) $y = ax + b$	then 4) $y = bx + a$	[]
21.	The total number of do	ots in the 1 st 100 rows is			[]
	1) 550	• • •	· *			
	2) 560		·			
	3) 5500	•••••	-			
	4) 10000					
22.	Hari bought $4\frac{1}{2}$ meters	s of rope. He used $2\frac{1}{4}$ m	eters. How much rope is	s left with Hari	?[]
	1) $4\frac{1}{2}$ meters	2) $3\frac{1}{4}$ meters N	3) $2\frac{1}{4}$ meters	4) $2\frac{1}{2}$ meters		
23.	The decimal form of 4	$\frac{623}{1000}$ is			[]
	1) 46.23	2) 462.3	3) 0.4623	4) 4.623		
24.	Rishita purchased a pertotal amount spend by $1 \ge 40$	ncil for ₹10.75 an eraser her. 2) ₹42	of ₹2.50 and a note boo	ok costing ₹25.7	75 thei [n the]
25.	How many litres are ed	ual to 1 milli litre.	5) (5)	-) (37	ſ	1
	1) 1000 <i>l</i>	2) 100 <i>l</i>	3) $\frac{1}{1000}l$	4) $\frac{1}{100}l$	-	-
26.	One kilogram is equal 1) 100grams	to How many grams. 2) 1000 grams	3) 0.001grams	4) 0.01 grams	[]
27.	Raj sold his car which 1) 1,76,000	he bought for ₹2,00,000 2) 1,75,500) at a loss ₹23,450 then t 3) 1,76,550	he selling price 4) 1,77,000	is []
1						

28.	What is the angle between the two hands of a clock at 2 -30 ?				[]
	1) 100° 2)	105°	3) 120°	4) 110°		
29.	Convert 23 : 10 hours into 1) 11.P.M 2)	12 hour clock time 11.10 P.M	3) 11.A.M	4) 11.10A.M	[]
30.	5 months 25 days equal to 1) 150 days 2)	how many days 180 days	3) 185 days	4) 175 days	[]
31.	3600 seconds is equal to he1) 60 minutes2)	ow many minutes 36 minutes	3) 30 minutes	4) 10 minutes	[]
32.	In a leap year February mo 1) 30 2)	onth has how many d 31	ays? 3) 29	4) 28	[]
33.	How many days are there to 1) 40 days 2)	from 25th March to 6 33 days	oth. May (including both 3) 43 days	n days) 4) 41 days	[]
34.	A man travelled 84 k.m 52 1) 111 km 3) 110 km 500m	3m by car and 26km	990M , by bus . What is 2) 111 km 513m 4) 111 km 700m	the total distanc	e cove [ered]
35.	If a * b = 2a +2b-ab a,b ar 1) 4 2)	re any two numbers in 3	f 3* x = 4 then x is 3) 2	4) 5	[]
36.	The number of two digited 1) 1 2)	l prime numbers less 2	than 100 whose sum of 3) 3	the digits 2 is 4) 4	[]
37.	If 5 lines are drawn in the j	plane the maximum r	number of regions into w	which the plane	is divi	ded
	is 1) 10 2)	12	3) 14	4) 16	L	
38.	Ajay bought 5kg of sweets	and distributed 2kg	300g sweets to some poo	or children. How	w muc	h of
	sweets was left with him1) 3kg 700grams3) 2kg 700grams		2) 1kg 700grams4) 3kg 200 grams		[]
39.	The sides of a rectangle are 1) 24cm 2)	e 16cm and 8 cm ther 40cm	a the perimeter of the red 3) 48cm	ctangle is 4) 72cm	[]
40.	The area of the square who 1) 24cm ² 2)	ose side is 6cm 20cm ²	3) 36cm ²	4) 12cm ²	[]
41.	A figure bounded by '6' lin 1) quadrilateral 2)	ne segments is called hexagon	3) pentagon	4) octagon	[]
42.	There are 20 cities in a cer	tain country. Every p	air of cities is connected	l by air route. H	How m	any
	air routes are there1) 192)	380	3) 190	4) 40	L]
43.	The area of the circle with 1) 144 cm ² 2)	radius 7cm is 124cm ²	3) 150 cm ²	4) 154cm ²	[]
44.	The figure formed by joini1) Rhombus2)	ng mid points of a Rl Square	hombus is 3) Kite	4) Rectangle	[]
45.	The area of regular hexage	on with side a units is	S		[]
	1) $\frac{\sqrt{3}}{4}a^2$ sq.units 2)	$\frac{\sqrt{3}}{2}a^2$ sq.units	3) $6\frac{\sqrt{3}}{4}a^2$ sq.units	4) $5\frac{\sqrt{3}}{4}a^2$ sq.	units	

46.	If in a quadrilateral all 1) square	sides are equal then it is 2) Rectangle	3) Kite	4) pentagon	[]
47.	The number of 3 digit is	s even numbers that can	be written using the digi	ts 0,3,6 without	t repet	ition]
	1) 6	2) 3	3) 4	4) 2		
48.	How many two digit n 4 or 25 1) 2	umbers greater than 10 a	are there which are divis	4) 5	but no [ot by]
49.	The sum of the recipro	cals of all the divisors o2) 2	f 6 is 3) 3	4) 6	[]
50.	If $(a-1)^2 + (b-2)^2 + (c-1)^2 + (c-2)^2 + ($	$(-3)^{2} + (d-4)^{2} = 0$ then 2) 10	a× b× c×d+1 is 3) 24	4) 25	[]

