Class: 7

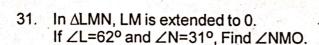
Register	1			
Number	S. Santa	t is less	1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

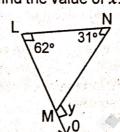
SECOND TERM - SUMMATIVE ASSESSMENT(SA) - 2024-25

1 1111	e Allowed: 2.00 Hours]		MA RT - I	TICS		[Max. Marks : 60
I.	Choose the correct Ansv	wer:YouTube/	/ Akı	wa Acade	mv	10x1=10
1.	To convert grams into Kilo	grams, We have	to div	ide it by		
	(a) 10000 (b)	1000	(c)	100	(d)	10
2.	The decimal number which	h lies between 4	and 5	is		
	(a) 4.5 (b)	2.9	(c)	1.9	(d)	3.5
3.	In the formula, $C = 2\pi r$, 'r'	refers to	1.7.		a de la composição de l	
	(a) Circumference (b)	Area	(c)	Rotation	(d)	Radius
4.	The formula to find the are	a of the circular	path is	3		
	a) $\pi(R^2 - r^2)$ sq.units		b)	πr²sq.units		
	c) 2πr²sq.units		d)	$\pi r^2 + 2r sq.ur$	its	
5.	The value of x in the equal		is			
•		13	c)	3	d)	10
6.	The unit digit of (32x65)° is					
7	a) 2 b)	5	c)	0	d)	1
7.	An exterior angle of a triang	lle is 70° and two	interio	or opposite an	gles ar	e equal. Then measure
	of each of these angle will	be				
0	a) 110° b)	120°	c)	35°	d)	60°
8.	It two plane figures are cor	igruent then they				Y has the cardial contribution in
	a) same size		b)	same shape		
0	c) same angle		d)	same shape	& sam	ie size
9.	Which of the following rule	is not sufficient	to veri	fy the congrue	ency of	two triangles.
10.	a) SSS rule b)	SAS rule	(c)	SSA rule	d).	ASA rule
10.	The elements along the six	kin row the Pasc	al's Ir	langle is	To a grade	
II.	a) 1,5,10,5,1 b) Fill in the blanks:	1,5,5,1	c)	1,5,5,10,5,5,	l d)	
11.	3/ ₅ =	のでは、				5x1=5
12.		o oron of the sir				
13.	The formula used to find the Degree of the Constant terms	re area of the cir	cie is -	sq. u	nits.	
14.	In a \triangle ABC, AB = AC.	Δ				
17.	The value of x is	À			121	
		80.			12 1	
: Ala	and the property mass and about	XXX	11. 12.34			
11.17	and the state of the state of		e spile			
		x\E				
15.	Measure of each angle in a		anale -			
III.	Match the following.		arigic -			
16.	5					5x1=5
	100	- a ^{m-n} :	100			
17.	Circumference of a Circle	- 360°			A in the	
18.	Sum of exterior angles in					
2	a triangle	- πd				
10	a ^m	44.00 - 40.00 - 14.00			Market	**************************************
19.	a ⁿ	- Sum of in	terior	opposite angl	es	
20.	Exterior angle of a Trianlge	- 0.05				A. Carrier and the second
1		PAR'	T - II			
IV.	Answer any 10 questions	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
21.	Convert the following in to					10x2=20
	(i) 9mm (ii)	8cm and 9mm			1 Fine	13.30
				3 5		
22.	Convert the following into d	ecimals.	(i) ·	3 (ii) 5 5 (ii) 100	THE PARTY	TODO (TITAL)
4			1	5 100		TPR/7/J/Mat/1

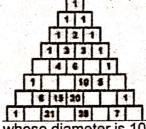
- 23. Velan bought 8.36 kg of Potato and Sekar bought 6.29kg of Potato. Which is heavier.
- 24. Find the circumcentre of a circle whose radius is 49cm.
- 25. Find the area of circle whose radius is 21cm (π =3.14)
- 26. A Floor is 10m long and 8m wide. A carpet of size 7m long and 5m wide is laid on the floor. Find the area of the floor that is not covered by the carpet.
- 27. Find the value of $2^3 + 3^2$.
- 28. Evaluate the following. (i) $(-3) \times (-2)^3$ (ii) $(-2)^3 \times (-10)^3$.
- 29. Find the unit digit of the large numbers. (i) 912 (ii) 4917
- 30. In the \triangle STU, SU=UT, \angle SUT = 70°, \angle STU = x, then find the value of x.

IC.





32. Complete the Pascal's Triangle.



- 33. Find the area of the dining table whose diameter is 105cm.

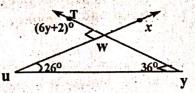
 (OR)

 If p=-2, q=1 and r=3, Find the value of 3p²q²r.
- PART III

 V. Answer any 5 of the following questions. Question NO.41 is Compulsory. 5x3=1
- 34. Write each of the following as decimals.
 - (i) Four hundred four and five hundredths.
 - (ii) Two and Twenty five Thousandths.
- 35. Arrange the following in ascending order and descending order. 17.35, 71.53, 51.73, 73.51, 37.51
- 36. Kannan divides a circular disc of radius 14cm into four equal parts. What is the Perimeter of a quadrant shaped disc. $(\pi = \frac{22}{7})$



- 37. A canal of width 1m is constructed all along inside the field which is 24m long and 15m wide. Find(i) The area of the canal (ii) the cost of constructing the canal at the rate of ₹12 per sq.m.
- 38. Simplify using laws of exponents.
 - i) $a^4 \times a^{10}$ (ii) $2^5 \div 2^3$ (ii) $(x^m)^0$ (iv)
- (iv) 3^y x 12^y
- 39. If $x = 5x^2+7x+8$ and $y=4x^2-7x+3$, Then find the degree of x+y.
- 40. With the given data find ∠UWY. What do you infer about ∠XWY.



- 41. Find the decimal form of the following fractions.
 - (i) $153 + 96 + 7 + \frac{5}{10} + \frac{2}{1000}$
- (ii) $999 + 99 + 9 + \frac{9}{10} + \frac{9}{100}$
- (iii) $23 + \frac{6}{10} + \frac{8}{1000}$ (OR)

Simplify and find the degree of the expression, $(4m^2+3n) - (3m+9n^2) - (3m^2-6n^2) + (5m-n)$

VI. Answer any One the following.

Transmit of the

1x5=5

- 42. Draw a triangle LMN given that LM = 5.5cm ∠M=70° and ∠L = 50°
- 43. Draw a triangle ABC given that BC=8cm, AC=6cm, ∠C=40°.

TPR/7/J/Mat/2