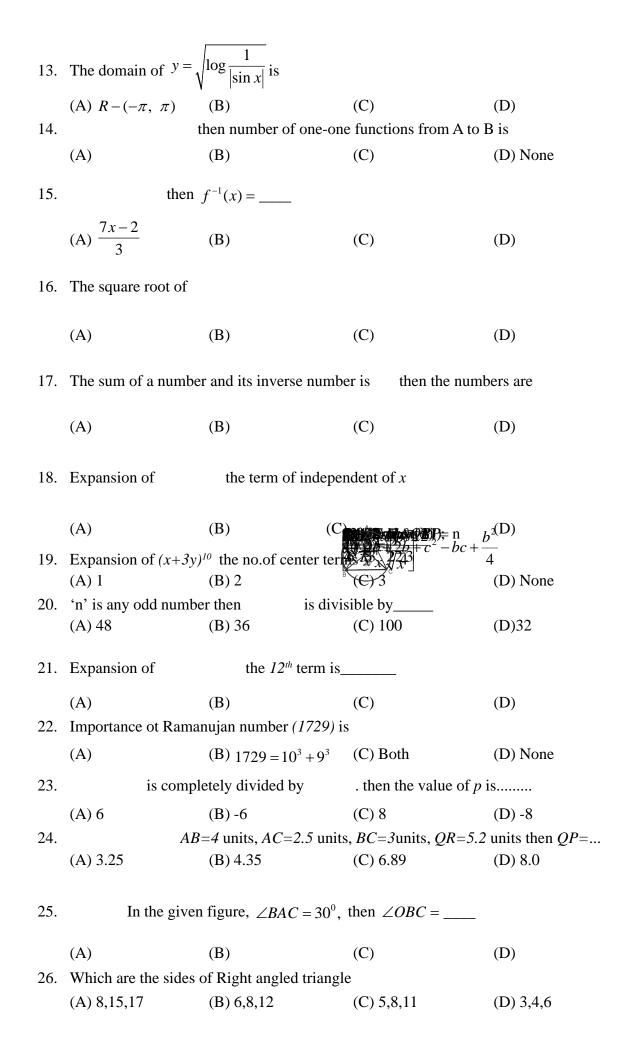
## 10th Class Sample

Clas	Class: 10 <sup>th</sup> Time: 1 Hour							
1.	Doctors, Fathers, Gents are shown in the wein diagram. then doctors indicates							
2.	(A) Circle The Example of a tar	(B) Square utology is	(C) Rectangle	(D) None				
	(A) $p \to (p \lor q)$	(B)	(C)	(D)				
3.	The quantifier implies	ed in the statement	"No one child is not la	azy"				
	(A)	(B)	(C)	(D)				
4.	, then $f(2.1919) =$							
	(A)	(B) 0	(C) -1	(D) 1				
5.	In the given figure, value of x is							
6.	(A) 45° A-(BUB')=	(B) 34°	(C) 64 <sup>0</sup>	(D) 109°				
	(A) B	(B) <i>\phi</i>	(C) (C) (C) (C) (C) (C) (C)	D) A Monal number				
7.	Which has only subs	ional number						
	(A) { }	(B) $\{0, 1\}$	$(C)$ $\{1\}$	(D) {0}				
8.			be False 34° x	45° D				
	(A)	(B) 2	(C) 3	(D) 5				
9.		and	then					
	(A) 40	(B)50	(C) 60	(D) 30				
10.	then the no. of Relations defined on							
	(A)	(B)	(C)	(D)				
11.	If the world populati population in 5 days		one person per every	second then the increase of				
	(A) 4 lakhs, 32 thous	sand	(B) 86 thousand, 400					
	(C) 3 lakhs, 59 thousand		(D) 1 lakh, 34 thousand					
12.	Zero value of this function							

(A) 0

(B) No zero value

(C) Not a function (D) (2-2)



	(A) $(\sqrt{2}-1)a$	(B) $\sqrt{2}a$	(C)	(D)		
28.	The ratio of the areas of and		is 4:9 then the ratio of the corresponding sides			
	of and	is				
	(A) 2:3	(B) 16:81	(C) 3:2	(D) 9:4		
29.	9. If lie on a line, then $x = -(D)$					
	(A) -5	(B) 2	(C) 4	(D) 6		
30. The slope of the straight line is						
	•					
	(A)	(B)	(C)	(D)		
31.	The point $(0,0)$ lies on the line					
	(A) $y=5$	(B) $x=4$	(C) $y=x$	(D) $y = 2x + 3$		
32.	The image (reflection	on) of the point	with respect to y-axis is			
	(A)		(B)			
	(C)		(D)			
33.						
	(A) 1	(B) 2	4 (8,8)	y+( <del>b</del> 5))₹ 0		
34.	34. The area of the triangle formed by $(0,0)$ ;					
	(A) 1	(B) -2	(C)	(D) 1		
2.5		, ,		( )		
35.	The angle between to (A) 45°	the lines $x-7y-22=0$ ; 7: (B) $60^{\circ}$	$x+y-34=0$ is (C) $90^{\circ}$	(D) 120 <sup>0</sup>		
	$(\mathbf{A}) + 3$	( <b>b</b> ) 00	(C) 70	(D) 120		
36. The median of the data is						
	(A)	(B)	(C)	(D)		
37.	The mean of data is 9. If each observation is multiplied by 3 and the 1 added to each result,					
	find the mean of the new observations so obtained					
	(A) 27	(B) 29	(C) 28	(D) 26		
38.	<i>A.M.</i> =43, Median=4	43.4, then Mode=				
	(A) 44.2	(B) 43.4	(C) 44.4	(D) 42.4		
39.	For what value of 'a' will 7.5 be the median of 4, 6, a, 9, 10, 19					
	(A) 6	(B) 10	(C) 7	(D) 8		
40.	Mean of the following data 8, -2, 9, 6, 13, 17, 12					
	(A) 10	(B) 8	(C) 7	(D) 9		

27. In the given figure, the radius of the outer circle is 'a' then the radious of the inner circle is

	(A) 12	(B) 15	(C) 9	(D) 11		
42.	2, 10, 30, 68, 130, 22	22,				
	(A) 350	(B) 250	(C) 450	(D) 280		
43.	(7) (406 5) (81) 16					
	(A) 2031	(B) 731	(C) 1625	(D) 1		
44.	Ram travels a certai	n distance at 3km/	Thr and reaches 15min. late	e. If he travels at 4 km/hr,		
he reached <i>15min</i> earlier the distance he has to travel is						
	(A) 4.5km	(B) 6 km	(C)7.2 km	(D) 12 km		
45.	'+' stands for divisio	on, ÷ stands for mu	ultiplication, 'X' stands for	subtraction and '-' stands		
	for addition which one of the following equations is correct!					
	(A)		(B)			
	(C)		(D)			
46.	In a certain code MU in that code	NICIPALITY is w	ritten as INMUAPCIYTLI	. How is JUDICIAL written		
	(A) UJDILACI	(B) IDUJLACI	T5 R4 P15	(D) IDJULACI		
47.						
	(A) E10	(B) E 12	(C) S10	(D) S12		
48.	In a family, a couple has a son and a daughter the age of the father is three times that of his					
	daughter and the age of son is half of his mother the wife is 9 yrs younger to her husband and					
	the brother is seven y	s sister. What is the age of	the mother			
	(A) 40yrs	(B) 45yrs	(C)50yrs	(D) 60yrs		
49.	what is the water ima	age of FAMILY				
	YTIMAF (V)	(B) FAMIJY	(C) FAWIJY	(D) FAMILY		
50.	What is the mirror in	nage of T3S4P5H6	ó			
	(A) 6H5P4S3T	(B) H6P5S4T3	Т3Ѕ4Р5Не (О)	T3S4P5H6 ( <b>D</b> )		

How many right angled triangles are ther is the given figure

41.