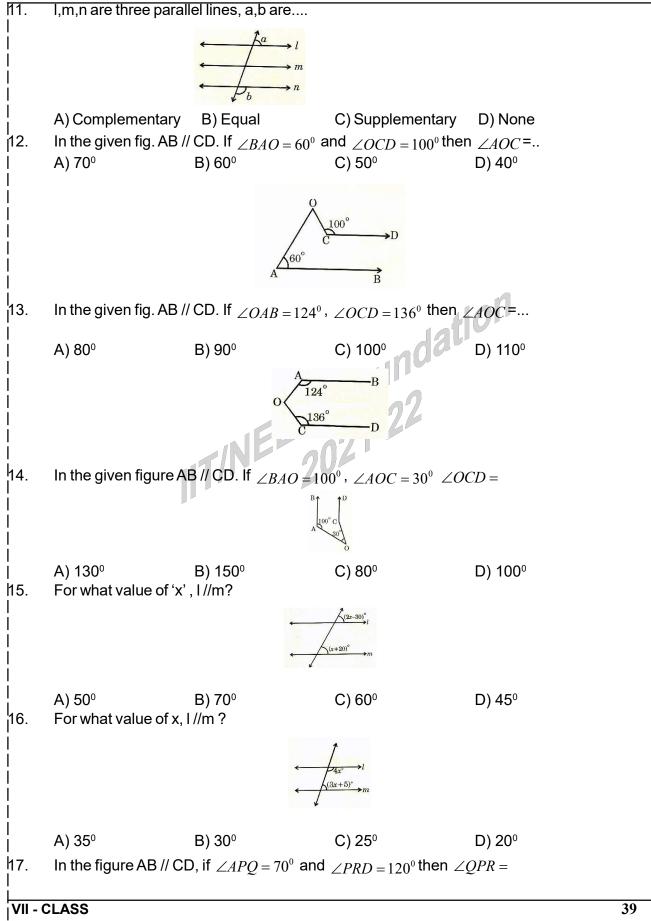
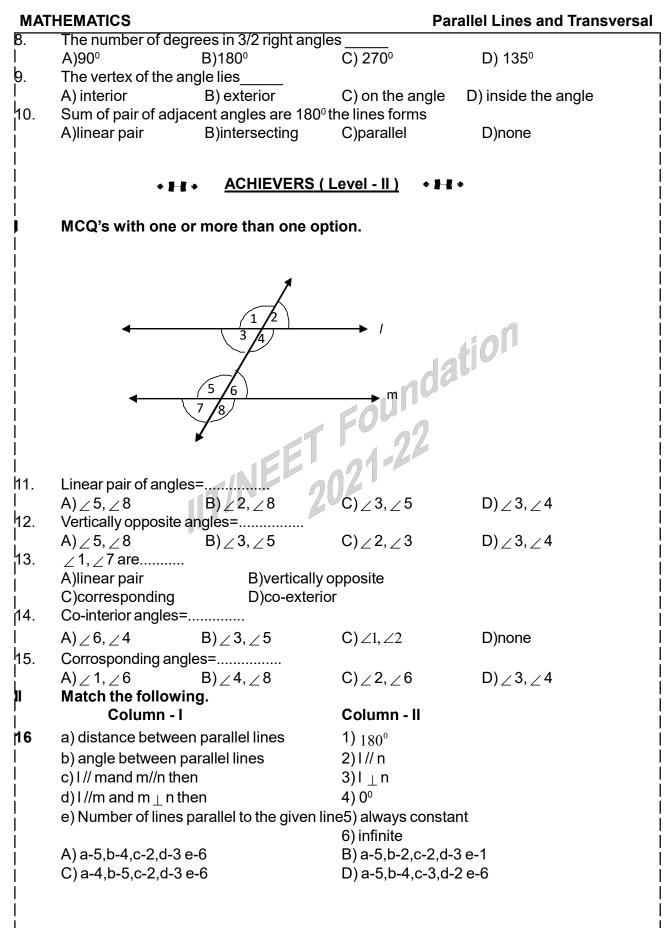


MAT	HEMATICS		Parallel Lines and Transversa	al		
 	TE	ACHING TASK		 		
 	MCQ's with single correct answer type. State whether the statements are false. A) A line is not parallel to itself B) Two line segments in a plane either intersect (or) are parallel C) If I is perpendicular to m and m is perpendicular to n then I is parallel to n.					
 2. 	D) Angle between two parallel Given a line and a point not on i point is	•	allel to the given line through the give	 en		
լ Ց.	A) 1 B) 4 Lines parallel to the same line a	C) 2 are	D) 3			
ļ	A) perpendicular B) paralle		cting D) Concurrent			
 4. 	In the given figure I//m and p//q	then the value of y is		 		
 5.	A)110 ⁰ B) 60 ⁰ In the adjoining figure, if I //m , r	C) 70° h//p and $\angle a = 85^{\circ}$ then	D) 140° ∠b=	 		
 		$ \xrightarrow{P} l \longrightarrow l $				
 	A) 100 [°] B) 95 [°] If two straight lines are perpend	C) 85 ⁰	D) 90°	Ì		
б. 	A)perpendicular B) paralle		-			
7.		, , ,	o parallel lines are intersected by	/ al		
	transversal. The value of 'a' is A) 40° B) 60°	 C) 70º	D) None			
8.	/ /	,	wo parallel lines ae intersected by	∕a¦		
1	transversal the value of 'a' is					
θ.	A) 40° B) 100° Two co-interior angles are in the	C) 60°	D) None el lines are intersected by a transvers) sali		
р. 	then the smaller angle is			00		
İ	A) 20 ⁰ B) 40 ⁰	C) 50°	D) None	İ		
10. I	A co-interior angle is double the by a transversal. The greater a	-	le. If two parallel lines are intersected	ed 		
ļ	A) 120° B) 150°	C) 140 [°]	D) None	į		
İ						
VII - C	CLASS		38	;]		

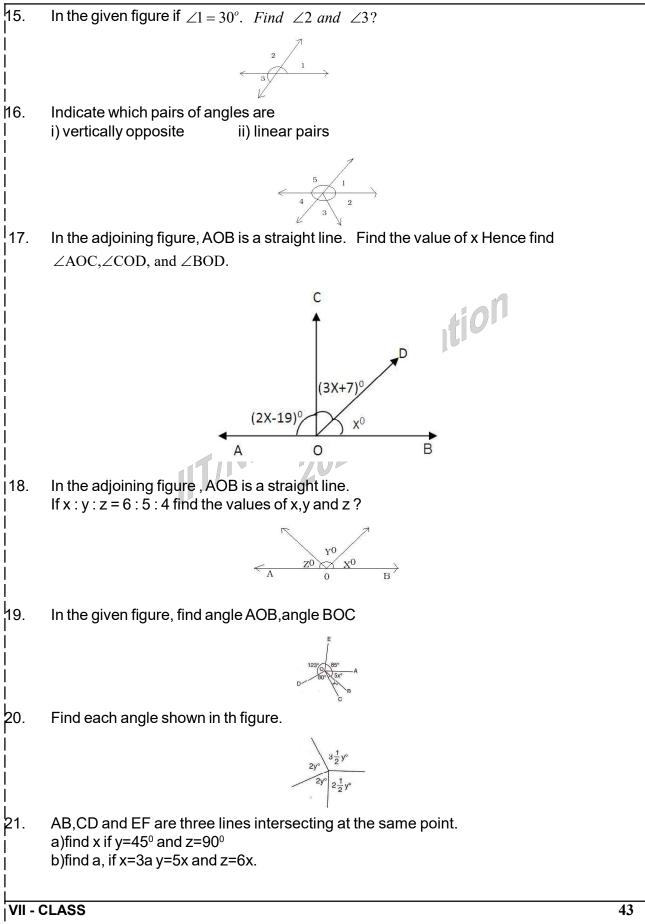


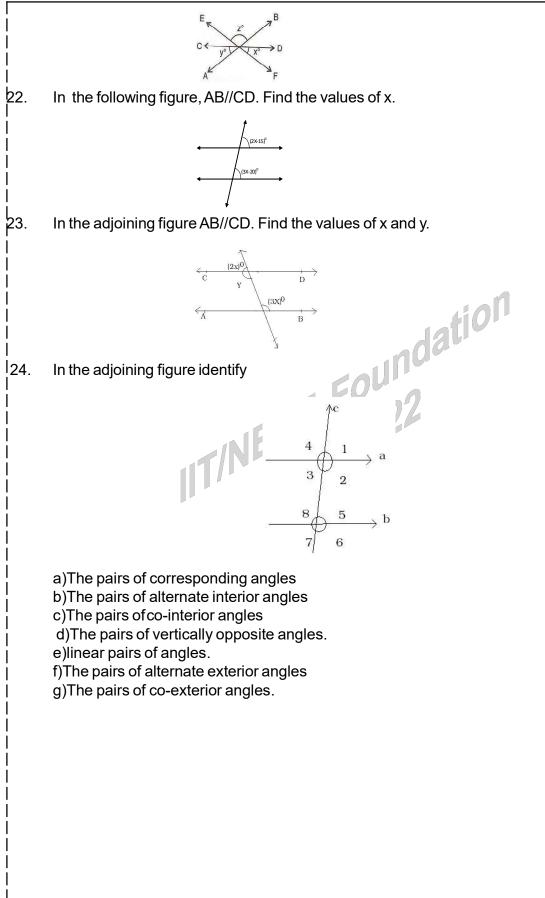
ļ	A) 50°	B) 60°	C) 40º	D) 35º	
l l	,	than one correct ar	/		
r 1.	Two coplanar lines must be either				
	A) parallel	B) intersecting	C) perpendicular	D) Coinside	
2. 		sects a pair of paralle	el lines then the interio	or angles on the same side of	
 β.		B) Complementary ere I and m are trans		D) 90°	
 		$A \leftarrow \frac{138^9}{y}$ $C \leftarrow \frac{52^9}{x}$	$\rightarrow B$ $\rightarrow D$ $\rightarrow F$	ion	
İ	A) x=138°	B) y = 128°	C) x=128°	D) z=138º	
4.	,	, ,		or angles on the either side of	
1	A) Supplementary	B)Complementar	y C)Equal E	$()_{180^0}$	
i	, , , , , , , , , , , , , , , , , , , ,			/100	
 	•		R'S TASK S (Level - I) ◆ ∎■	 	
ļ	MCQ's With Only	one answer is corre			
Г 1.	1 ⁰ =				
Ì	A) $\overline{_{60^{ }}}$	B) 60	C) A & B	D)None	
<u>b</u> .	1 =	, 00	,	,	
	A) $\overline{_{60^{ }}}$	B) 60	C) A & B	D) None	
β.	The measure of an		-, -,	,	
	A) Right angle		B) Complete angle	i	
i	C) Acute angle		D) Obtuse angle	i	
4.	An angle whose me	asure is more than 1	80° but less than 360	D I	
	is calledang	le.			
1	A) Right angle		B) Reflex angle		
L	C) Acute angle		D) Obtuse angle		
5.		asures of two angles		– i	
	A) Supplementary C) A & B		B) complementary D) None	l	
6.	,	sures of supplement	/		
р. I	A)90°	B)180°	C) 270 [°]	D) 360°	
7.	,	rees in 2 right angles	,	,	
	A)90º	B)180°	C) 270°	D) 360°	
VII -	CLASS			40	

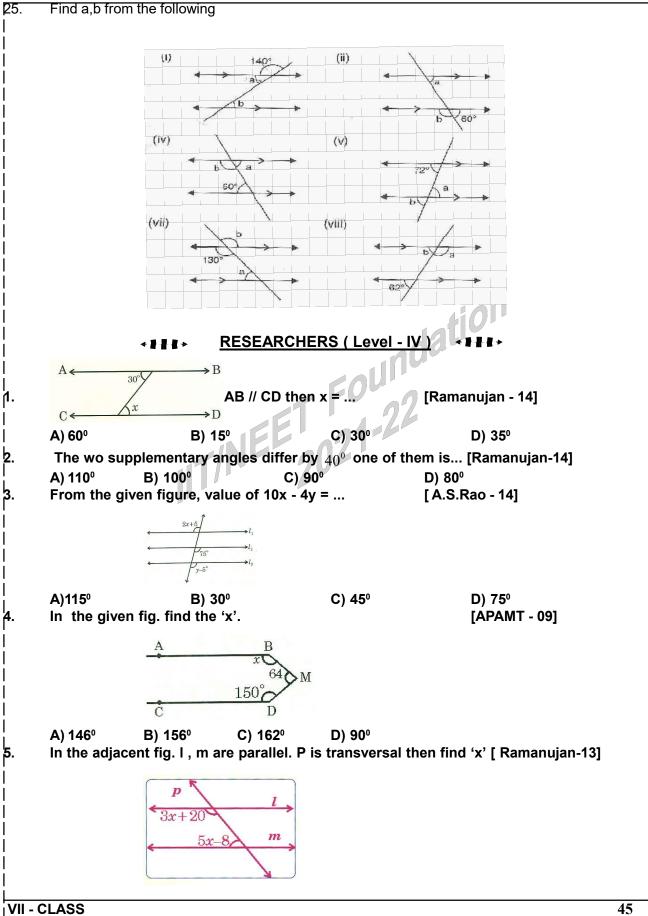


VII - CLASS

	Comprehension.						
	$A \xrightarrow{p_y \rightarrow B} B$						
	$C \xrightarrow{\gamma_x} D$						
1		EDZ					
İ	in the adjacent figure						
<u>۱</u> 7.	If $z = 70^{\circ}$ then $x =$. y =					
1	A) 110º, 110º		C) 90°, 90°	D) 100º, 90º			
<mark>/</mark> 18.	If $3z = 2y$ then $x =$						
!	A) 110 [°]	B) 108º	C) 98º	D) 118º			
19.	If x = $2(z+15)^{0}$ then						
	A) 110º	B) 120º	C) 130 ⁰	D) 140º			
 	< 3-8 (EXPLORER	<u> </u>	· 1-1 ·			
ļ	Solve the followir		<u>.</u>				
1 11.		-	nent of each of the fo	llowing Angles.			
	i) 45°	ii) 65°	iii) 20°+y°				
Ì	iv) 1/2 of 60°	v) 1/5 of 160º		I			
þ.				of the following angles?			
 	i) 100°	ii) 90°	iii) (x-30)⁰				
۱ ۲	iv) 20°+y°						
3.	Find the angle which			i			
3. 4. 5.	Find the angle whic						
J.	Find the complement of each of the following angles.						
1		63° 57°					
i	200						
 6.	Find the supplemer	nt of each of the fo	llowing angles				
р. I			nowing angles.				
İ		154°					
	81/						
Ļ	Idoptify which of the	following pairs of	angles are compleme	ہ ا entary and which are supplemen-			
ľ.	tary.	ionowing pairs of a	angles are completing	entary and which are supplement-			
1	i) 65°,115°	ii) 63°, 27°	iii) 112º, 68º				
1	iv) 130°, 50°	v) 45°, 45°	,				
β.	The difference in the measures of two complementary angles is 12°. Find the measures of						
	the angles.						
9.	Find the angle which is 44 ^o more than its supplement.						
10.	Find the measure of an angle. Which is 24° more than its complement?						
41. 42.	Find the angle which is one - fourth of its supplement?						
12.	Find the angle which is one fourth of its complement ? Two supplementary angles are in the ratio 7:8. Find the angles.						
13. 14.	Two complementary angles are in the ratio 7:01 ind the angles?						
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MATHEMATICS	Parallel Lines and	Transversal
KEY		
$\Phi\Phi$ TEACHING TASK :		
I. 1) A 2)A 3)B 4)C 5)B 6)B 7)B 8)A 14)A 15)A 16)C 17)A II 1)A,B,C,D 2)A,C 3)A,B,D 4)A,D	9)B 10)A 11)C	12)D 13)C
ΦΦ <u>LEARNER'S TASK</u> : □ BEGINNERS: I. 1)B 2)A 3)A 4)B 5)B 6)B 7)B 8)D 9)C	10)A	
 □ ACHIEVERS : 1)D 12)A,C 13)D 14)A,B 15)B,C	dation	
I. 1)B 2)A 3)A 4)B 5)B 6)B 7)B 8)D 9)C ACHIEVERS : 11)D 12)A,C 13)D 14)A,B 15)B,C Matching and comprehension 16)A 17)A 18)B 19)C ACHIEVERS : 10)A 17)A 18)B 19)C 10)A 17)A 18)B 19)C	2	
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