,	Myebicc		
Q.	(2Kx2+5Kx+2)=0 find k for ea	ual root?	
\	If equation has equal roots		<u> </u>
	$b^2 - 4ac = 0$	0, -= -	
	$25k^2 - 4x2kx2 = 0$	<u> </u>	
	$25k^2 = 16k$		
The state of the s	K = 16 25		
	which of the following have real		
	If equation has real roots b2	-4ac =0	
	from options choose.		
9.	$7\ell^2 - 3\chi + 1 = 0$ then value of a	1+1 18:	
	202 11 = 201 - 202 11:		
	$2^2 + 1 = 37 \Rightarrow 2^2 + 1 \Rightarrow 3$	<u>24 </u>	
Q.	$(2\pm i\sqrt{3})$ roots of $x^2 + P2 + q = 0$	D a axa	
->	$\alpha + \beta = 4$	9 119 900	= 1
	$dB = (2+i\sqrt{3})(2-i\sqrt{3}) = (2^2-i\sqrt{3})$	(1/3)2)	
	$=4-(-1\times3)$		
	= 7		:
	$\alpha + \beta = -P = 4$		
j	$\alpha \beta = 9 = 7$		
	1P = -4, $9 = 7$		
1			
Q.	MA.	b=24, a-b=1	8
	then eq. is-		
	a) $2x^2 + 8x + 9 = 0$ b) $x^2 - 4x + 8$	3=0	
	(6) $(2^{2}-24)(+128=0)$ (4) $(2^{2}-22)(+$	8 - 0	
	a+b=24=-6 C) is correct	 }	
	$ab = 1648 = \underline{c}$ O is correct		
	a - 10/10 - 0 /3 Collide	•	

p = 9

	M T W T F S S Page No.: Date: YOUVA
<u>Q,</u>	out of 12 pipes that are connected to tank
Ν	
,	
-	
<u> </u>	two pipe fills tank in 8 hrs and 6hrs respectively if they opened alternately if pipe Agets apened
	first then in how many time tank gets full? Let time be & then half time taken by each pipe
	appropriately.
	$\frac{1}{6}$ $\frac{3}{24}$ $\frac{3}{2}$ 3
	9 21 27 767S
Q.	
5	