UNIT- 5

2 MARIES

- 1. Write The angle between The pair of Straight has
- 2. Find the eq Alte st. line passing (-1,2) and having slove 1.
- 3. Find The slope of The line 2x-3y+7=0
- 4. write down The of A lie St. line passing Through the points (x, y,) and (x, y).
- 5. Find the azic4 the St line bassing Through intercebts on ite axes.
- 6. Give The condition for The two lines to be parallel.
- 7. write the condition for the general of its second degree ax2+2hxy+by2+2gx+2+y+c=022. to represent a pair of St. lines.
- 8 Find the ang. of the St. line Through the point (7,-3) and onthing of equal intercepts on The axes
- 9. Show that The points (1,1), (5,-9), (-1,6) are co linear.
- to write down The Several eq of pain of St. Mies. 24 ST TTE of 4x2+4xy+y=6x-3y-4=0 nepresents

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- 11. ST THE PAS (6,6). (2,3) and (4,7) are the vertices of the Right angle friagle.
- 12. Find the controld of the triagle formed by
- 13. Find (x, x), if (3,2), (6,3), (x, x) and (6.5) are The Vertices of the Parallelogram.
- Find The values of A, if x = xxy +2x2+3x -57+2 = represents a pair of St. lies.
- The vertices of the triagle are A(3,5). 11(-7, 4), c(1,3). Find The Light of the 3 medians a mi friendle.
- 16. ST The 170 (4.3) (7,-1) and (9,3) are The vertices of the isosceles triagle.
- 17. IT 12-y2+x-3y-2=0 represels a bin of stime and also find the copyte between them?

- 18. Find the angle between y= 13 x+4 and 9 = 1 x +2.
- 19. It sloke of one of 12 his of ax2+2hxy+b)= is twice that of the others, show that 8h2 qab
- 20. Find The on A The line which porges Through The point of intersection of its lies 5x-64=1 and 3x+2y+5=0 and if perpenticular to The line 3x-5y+11=0.
- 21. Find the eq of the hie which busses known The point of intersection of the lines 2x+y=8 and 3x-2y +7=0 and is barallel to 15 line 4x+y-11=0
- Find The ex of The st. line parties Through The intersection of the 14 lies 2x+y=8 and 3x-y=2 and Through The pt. (2,-3)
- 2). Find The Value of K, So That 2x2+5xy+ 2y2+15x+18y+k=0 may represent a poin of St. line

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- a pair of St line and And The distance between Ros.
- 25 ST The form lives by 12 x2+7xy-12y2=0 and 12x2+7x4-1242-x+74-1=0 form The sides of a square
- Re lies x2-4xy+342=0 and The lie y-3=0. 26. ST The of 4x2+4xy+y2-6x-3y-4=0 represent a pair of parallel lines at find the distance between Thom.
 - 27. ST The line lx+mx+n =0 all The lines (1x+my)2-3 (mx-ly)2=0 form The sides of an cavilateral triangle
 - 29. Find The Coordinates of The circum Contre of a friendle whose various are A(3,-2), B(4,3) and c(-6,5).