

ECAT Mathematics Chapter 20 Analytic Geometry Online Test

Sr	Questions	Answers Choice
1	The line l is horizontal if	A. m is undefined B. $m=0$ C. $m=1$ D. $m=0-1$
2	The coordinates of a point $P(x,y)$ referred to XY -system are	A. $(x+y,y+k)$ B. $(x-h,y-k)$ C. (x,y) D. $(x-h,y-k)$
3	The point of concurrency of the medians of the $\triangle ABC$ is called its	A. Orthocenter B. Centriod C. Circumcentre D. Incentre
4	If the lines $2x-3y-1=0$, $3x-y-5=0$ and $3x+py+8=0$ meet at a unique point then	A. $p = -14$ B. $p = -1$ C. $p = 0$ D. $p=12$
5	If the points $(a,2b):(c,a+b):(2c-a,h)$ lie on the same line then	A. $h=2a$ B. $h=a+b$ C. $h=ab$ D. $h=ac$
6	Area bounded between the curve $xy=2$ and the lines $x=1$ and $x=2$	A. $\ln 2$ square units B. $\ln \sqrt{2}$ square units C. $\ln 4$ square units D. Square units