# MATHS

## BOOKS - JEE MAINS PREVIOUS YEAR

## FAMILY OF LINES

**Others**

1. Locus of the image of the point (2, 3) in the line

$(2x - 3y + 4) + k(x - 2y + 3) = 0, k\varepsilon R$ , is

a : (1) straight line parallel to x-axis. (2) straight line parallel to y-axis (3) circle of radius $\sqrt{2}$ (4) circle of radius $\sqrt{3}$