



MATHS

BOOKS - BEYOND PUBLICATION

JUNE 2016 QUESTION PAPER (1)



1. If
$$p(x) = x^3 - 3x^2 + 2x - 3$$
 is a

polynomial, then find the value of p(1).

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2. Find the value of k, if 2 is one of the roots of

the quadratic equation

$$x^2 - kx + 6 = 0$$

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3. A ={ $x : x \in N$ x is the composite number

and x < 13}. Where set A is the roster form.



4. In a rectangle ABCD, AB = x + y, BC = x - y, CD =

9 and AD = 3. Find the values of x and y.



6. If the slope of the line passing through the two points(2,5) and (5,8) is repre-sented by tan θ , (where $0^{\circ} < \theta < 90^{\circ}$) in trigonometry, then find angle θ .

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