

Weekly Test

Sem : 2

M.M. = 10

Q.1. If $y = a \sin(\log x)$ Prove that
 $x^2 y_2 + xy_1 + y = 0$. (5)

Q.2. Find the equation of tangent
and eqⁿ of normal for the
curve $x^2 - 2xy + y^2 + 2x + y - 6 = 0$
at the point $(2, 2)$ (5)