

Chitrangada

Date _ / _ / _

Q.2)

$$M_1 \frac{d^2 y_1}{dt^2} + B \frac{d}{dt} (y_1 - y_2) + k (y_1 - y_2) = 0$$

$$M_2 \frac{d^2 y_2}{dt^2} + B \frac{d}{dt} (y_2 - y_1) + k_1 (y_2 - y_1) + k_2 y_2 = k_2 x$$