

ASUTOSH COLLEGE
(Affiliated to University of Calcutta)

Semester I – Practical Examination, 2020

Electronics – Honours

Paper – CC-2

Full Marks – 30

Time – 1hr 30 minutes

Send your answer scripts to: asutoshelta@gmail.com

1. Numerically solve the flowing equation $\frac{dy}{dx} = 2y$ in Scilab for two sets of initial conditions. Plot the result. What can you command about the nature of the graph.

2. . Numerically solve the flowing equation $\frac{d^2y}{dx^2} + 3\frac{dy}{dx} + 6y = 10\sin(x)$ in Scilab