(MTH643 MID TERM PAST PAPER)

(VISIT VURANK FOR MORE PAPERS)

Spring 2019

MCQS:

MCQS was conceptual.

QUESTIONS:

1) One Question is from Contour Plotting.

2) One Question is form solve command topic.

3) Find value of following using subcommands

$u(x, y) = 2x+xy^2+3y$ at x=5

$f(x) = \text{Sin}\, x$ at $x=\frac{\Pi}{2}$

Also find the solution of equation $2x^3 + x^2 + 3x + 4 = 0$

4) Find the derivative of the following function

$f(x,t) = xye^{-x-y}$ x,y $\in$ [-2,2].

5) One Question is form family of curves using differential equation.

(GOOD LUCK FOR EXAM)