**MTH603 Final Term Exam Papers August-2023**

MTH603 Numerical Analysis
Time: Morning 7:30 AM
Date: 15/08/2023
Q1. Applying Simpson 1/3 rule
Q2. Applying Milne’s Predictor Formula
Q3. Write fown Newton’s Forward Difference Formula
Q4. Bivariate table is constructed for given f(x,y) where x and y are given
Q5. Milne’s Predictor (long)
Q5. RK Order 4, Evaluate k1,K2,k3,k4
Q6. Obtain Divided Differences x and y given
Q7. Obtain Backward Difference table

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Today mth603 paper
7:30
Short questions forward difference table formula
Backward difference with formula value given thii
Newton’s divided difference
Euler Method
Long question
Lagrange interpolation
Milne predictor method

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Mth603 Today 9:30
Construct Forward Table (3 marks)
Construct Backward Table (5 marks)
Simpson 1/3 Rule (short +mcqs)
Trapezoidal rule (5 marks)
Euler’s method (short + mcqs )
Runge-Kutta Method(5 marks)