

M.A./M.Sc. Semester-I Examination,2020(CDOE)

Subject: Mathematics(CBCS)

Course: MMATG110(Practical)

Notations and symbols have their usual meaning.

Time: 1 hour

Full Marks: 20

[Use the front page of the answer sheet as available from the website. The name of the file (merged into a single file in pdf format, including the front page) to be uploaded, must follow the prescription: roll no.(numeric part only)_MMATG110p.pdf.For example, if your roll no. is 1234567890,then the file name must be 1234567890_MMATG110p.pdf. Your answer should be limited to five A4 size pages, excluding the front page.]

Answer any one question. Only first answer will be evaluated.

- 1. Write down working formula, algorithm and a brief C-programming to calculate the values of the polynomial $y = x^3 + 3x^2 + 2x + 1$ for the value of $x = 0$ to 1.0 , taking step-size 0.1 .**
- 2. Write down working formula, algorithm and a brief C-programming for finding all the prime numbers between 10 to 100.**