

Nirma University

Institute of Technology

Sessional Examination (IR) – September 2015

B. Tech. I (ALL), Semester-I

MA101 –Calculus

Roll/ Exam No.

Supervisor's initial with date

Time: 1.30 hrs.

Max. Marks: 50

Instructions:

1. Attempt all questions.
2. Figures to the right indicate full marks.
3. Use of simple calculator is permissible.

| | | |
|------------|------------------------------|-----------|
| Q-1 | | 20 |
| (a) | Answer the following: | 10 |
| (i) | Differential Calculus | |
| (ii) | Differential Calculus | |
| (iii) | Integral Calculus | |
| (iv) | Integral Calculus | |
| (v) | Integral Calculus | |
| (b) | Differential Calculus | 05 |
| (c) | Integral Calculus | 05 |
| Q-2 | | 15 |
| (a) | Differential Calculus | 05 |
| (b) | Integral Calculus | 05 |
| (c) | Integral Calculus | 05 |
| Q-3 | | 15 |
| (a) | Differential Calculus | 05 |
| (b) | Integral Calculus | 05 |
| (c) | Integral Calculus | 05 |
