

Code: IT1T6

**I B.Tech - I Semester – Regular / Supplementary Examinations
December - 2016**

**INTRODUCTION TO INFORMATION TECHNOLOGY
(INFORMATION TECHNOLOGY)**

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11 x 2 = 22 M

1.

- a) Define computer.
- b) List out the input devices in the computer system.
- c) Convert $(11011011)_2$ to decimal and octal.
- d) What are the algorithm properties?
- e) Differentiate structured and unstructured programming.
- f) List out prerequisites of information.
- g) How multimedia is useful for entertainment and education?
- h) What are basic internet terms?
- i) Write about web browser features.
- j) What is EDI?
- k) What are new display technologies?

PART – B

Answer any **THREE** questions. All questions carry equal marks. 3 x 16 = 48 M

2. a) Write about classification of computers. 8 M

b) Explain about control unit and system bus in detail. 8 M

3. a) Explain about generations of programming languages. 10 M

b) Differentiate Primary key and Foreign key with example. 6 M

4. a) Explain in your own words the advantages and impact of IT in our lives. 8 M

b) How multimedia is used in business and interactive kiosks? 8 M

5. a) Distinguish bus and ring topologies. Which topology normally using in educational institution labs? Justify your answer. 6 M

b) What is e-mail? Explain e-mail structure and working of e-mail system. 10 M

6. a) Mention advantages and disadvantages of E-Commerce.

7 M

b) What is Imminent technology? Explain about the imminent technologies in detail.

9 M