

Code: IT1T6, IT2T6RS

**I B.Tech - I Semester – Regular / Supplementary Examinations  
November 2017**

**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) Write about the applications of computer.
- b) Differentiate between input device and output device.
- c) Convert  $(10101)_2$  to octal and hexadecimal.
- d) What is a software paradigm?
- e) What is an Operating System?
- f) Define Database.
- g) What is a web browser? Name any three web browsers.
- h) What is network topology? List the types of network topologies.
- i) Define multimedia.
- j) What is E-commerce?
- k) Discuss about the blog.

## PART – B

Answer any **THREE** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Write about generations of computers. 10 M
- b) Explain various types of number systems with examples. 6 M
3. a) What are the characteristics of a good programming language? 8 M
- b) Write in brief about evolution of operating system. 8 M
4. a) What is the role of Information Technology in present scenario? 6 M
- b) Explain about the Internet. 3 M
- c) Write the Applications of Multimedia System. 7 M
5. a) What are networking devices? Explain in detail. 10 M
- b) Explain e-mail address structure with an example. 6 M
6. a) What does IPTV stands for? How does IPTV and RFID works? 8 M
- b) Briefly explain about E-commerce and EDI. 8 M