

Code: IT1T6, IT2T6RS

I B.Tech - I Semester – Regular Examinations – November 2015

**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) Differentiate between data and information with suitable examples.
- b) List the classification of computers.
- c) Explain functions of input and output devices.
- d) What is batch processing? How it is different from multiprocessing?
- e) Explain with example procedure to convert binary number to hexadecimal number.
- f) Differentiate between RAM and ROM.
- g) What is booting?
- h) What are the functions of operating system?
- i) What is the use of multimedia?
- j) Explain about spooling.
- k) Compare primary memory with secondary memory.

PART – B

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

2. a) Explain the components of the computer using block Diagram. 10 M
b) Explain about different generations of computers. 6 M
3. a) Define operating system. Explain the types of operating system used in computer system. 8 M
b) Distinguish between single user and multi user operating system. 8 M
4. Discuss the different types of applications for which the information technology is helpful. Also outline its importance in multimedia applications. 16 M
5. a) Explain the different types of network topologies. 10 M
b) What are the applications of multimedia? 6 M
6. a) Write a short note on E-mail system. 8 M
b) Explain about Electronic data interchange. 8 M