Code: IT1T6

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

INTRODUCTION TO INFORMATION TECHNOLOGY
(INFORMATION TECHNOLOGY)

Duration: 3 hours　　　　　　　　　　　Max. Marks: 70

PART – A

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

$$11 \times 2 = 22 \text{ M}$$

1. a) Define computer architecture and organization.

   b) What is the use of central processing unit?

   c) What is the functionality of operating system in computer?

   d) Why are we storing data in database of computer?

   e) What is the importance of information technology?

   f) List the components of multimedia.

   g) List the basic network devices.

   h) What is web browser? Explain its functionality.

   i) What is imminent technology?

   j) Explain the significance of smart card.

   k) Describe blogging.

PART – B

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

2. a) Explain about evolution of computers.   6 M

   b) Discuss about different generations of computers.   10 M

3. a) Define operating system and discuss about evolution of operating system.   8 M

   b) What is the concept designed to communicate instructions to a computer machine?   4 M

   c) What is a functional programming paradigm?   4 M

4. a) How can we say that Information technology plays critical role in the present scenario?   8 M

   b) What is the influence of information and communication technology on education?   8 M

5. a) What are the limitations of using Internet?   4 M

   b) Describe the structure of an E-mail address.   6 M

   c) Define search engine and Write short notes on any two search engines.   6 M

6. a) What are the advantages and disadvantages of Electronic commerce?   8 M

   b) How television services are delivered using the internet protocol suite over a network?   8 M