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Code No: IT1501

GEC-R14

I B. Tech I Semester Supplementary Examinations, November 2017

INTRODUCTION TO COMPUTERS

(Information Technology)

Time: 3 Hours

Max. Marks: 60

Note: All Questions from **PART-A** are to be answered at one place.

Answer any **FOUR** questions from **Part-B**. All Questions carry equal Marks.

PART-A

6 × 2 = 12M

1. What are the four categories of computer hardware?
2. Why a game controller is considered as an input device?
3. What is refresh rate? How it is measured?
4. Describe the role of a computer's system clock.
5. Define the term multitasking and state its benefits.
6. List four benefits that networks provide to its users.

PART – B

4 × 12 = 48M

1. a) Explain the four parts of a computer system. (6M)
b) Differentiate between random access memory and read-only memory. (6M)
2. Why most standard keyboards are called “QWERTY” keyboards? Briefly explain five major groups of keys on a standard keyboard. (12M)
3. a) Explain the factors to be considered when comparing different monitors. (8M)
b) Explain how a computer outputs the sound. (4M)
4. a) What is CPU? Explain the parts of CPU. (6M)
b) Explain how data is stored on the surface of a magnetic disk. (6M)
5. a) Describe the features of windows operating system. (6M)
b) Write short notes on PC operating systems. (6M)
6. a) What is a computer network? Explain the uses of computer networks. (6M)
b) Briefly explain any three features of internet. (6M)
