B.Sc. (IT) Semester – 1 CBCS (NEW)
Core Course CC-101: Foundation of IT

Time: 2 ½ Hours   *May-2017- Code: 20212*   Total Marks: 70

Q-1	a. What is computer? Explain with block diagram.	07
	b. Explain mini, micro and hybrid computer in brief.	07

OR

Q-1	a. Discuss characteristics of computer.	07
	b. Write a note on data representation.	07
Q-2	a. What is output device? Explain any two in detail.	07
	b. Which are the primary input devices? Explain with its functionalities and importance.	07

OR

Q-2	a. Discuss types of memories in detail	07
	b. Differentiate: impact and non-impact printer.	07
Q-3	a. What is data? What is importance of information in computer science?	07
	b. What is software? Discuss its types.	07

OR

Q-3	a. What is programming language? Explain in detail.	07
	b. Write applications of information technology.	07
Q-4	a. Write a note on TCP/IP.	07
	b. Explain how to open email id step-by-step.	07

OR

Q-4	a. Discuss common protocols used in internet.	07
	b. Explain the terms: www, web browser, html, search engine, host, email, network.	07
Q-5	a. Discuss history of Windows operating system.	07
	b. Define and discuss: assembler, complier and interpreter.	07

OR

Q-5	a. Explain machine language and high level language.	07
	b. Give historical details about LINUX.	07