

**BSc.IT SEM-1 Examination – October , 2019****Subject : Fundamental of IT****Time : 2.30 Hours****Paper No :103****Subject Code: 20212****Marks:70**

Q.1(A)	Explain types of computer in detail.	14
<b>OR</b>		
Q.1(A)	(1) Enlist characteristics of computer. Explain any three characteristics of computer. (2) What is Computer? Explain block diagram of computer in detail	07 07
Q.1(B)	Attempt any Four out of Six. (1) Convert : $(20)_{10} = (?)_2$ (2) Convert : $(101111)_2 = (?)_8$ (3) Convert : $(AF1)_{16} = (?)_2$ (4) What is the full form of ALU? (5) 1 KB = _____ bits (6) Binary number system uses only two digits ____ and ____	04
Q.2(A)	What is the use of input device? Explain Keyboard and mouse in detail.	14
<b>OR</b>		
Q.2(A)	(1) What is Information System? Explain types of IS. (2) What is Printer? Explain any two printers	07 07
Q.2(B)	Attempt any Four out of Six. (1) What is the full form of OMR (2) List out any five input/output devices. (3) Give full form of TPS (4) Write any five characteristics of information (5) Define : Monochrome Monitor (6) Give any two names of Impact Printer.	04
Q.3(A)	What is the use of Hyperlink in HTML? Explain types of Hyperlink with example.	14
<b>OR</b>		
Q.3(A)	(1) Explain structure of HTML with example. (2) What is Protocol? Write a short note on TCP/IP	07 07
Q.3(B)	Attempt any Three out of Five. (1) DNS stands for _____ (2) A user can get files from another computer on the internet by using _____ Protocol (3) The first page that you normally view at a website is called _____ (4) What is the full form of WWW. (5) Define : LAN	03

Q.4(A)	Write history of any two Operating System	14
<b>OR</b>		
Q.4(A)	(1) What is Programming Language? Explain types of Programming language. (2) Give definition of Assembler, Compiler and Interpreter.	07 07
Q.4(B)	Attempt any Three out of Five. (1) What is the full form of HTML? (2) Define : Data (3) Give basic difference between Memory and Storage Device (4) _____ is a program that translates software written in source code into instructions that a computer can understand. (5) Write any two names of Operating System.	03