

2. Draw labelled diagram wherever necessary.
3. Figure to right indicate marks.

- Q.1 A)** Explain General Register Organisation of CPU. [8]
B) Write characteristics of Computer. [7]

OR

- P)** Explain in detail concept of MIS . [8]
Q) State various Methods for accessing internet. [7]

- Q.2 A)** Explain Firewall in detail. [7]
B) Explain following protocols. [8]
i) TCP ii) IP iii) SLIP iv) PPP

OR

- P)** Explain Primary Memory in detail. [7]
Q) Write in short about Multiprogramming and Time Sharing Operating System. [8]

- Q.3 A) Differentiate between** [6]
1. Viruses and worms
2. Impact and Non-impact Printers.
B) Write use and syntax of following Excel functions [9]
i) Concatenate ii) Today iii) SUMIF

OR

- P)** Differentiate between [6]
1. Magnetic disk and Magnetic Tape
2. System bus and Expansion bus
Q) Write use and syntax of following Excel functions [9]
i) MIN ii) TRIM iii) Hlookup

- Q.4 Write short notes on** [15]

- i) URL
- ii) 2nd Generation Computers.
- iii) CRT

OR

- i) Web browsers [15]
- ii) Need of Cache Memory
- iii) E-mail

