



- Notes :
1. All Questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagrams wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

1. a) Write different advantages and limitations of computer. Draw neat and clean block diagram of computer. 4
- b) Explain in detail primary memory with suitable example. 4

OR

- c) What is number system? Explain decimal number system in detail. 4
- d) Explain different characteristics of computer in detail. 4

Either:

2. a) What is scanning? Explain different types of scanning. 4
- b) Explain in detail: 4
 - i) VDU
 - ii) Inkjet printer

OR

- c) Elaborate hard disk and optical disk in detail. 4
- d) Explain different input device in detail. 4

Either:

3. a) What is network topology? Elaborate its types. 4
- b) Explain in detail LAN WAN MAN with suitable example. 4

OR

- c) What is internet? Write about social networking in your own words. 4
- d) How open source software is useful? Explain its terminologies. 4

Either:

4. a) Explain active software maintenance in detail. 4
- b) Elaborate types of PC faults. 4

OR

- c) What is diagnostic? Explain about repair tools Diagnostic. 4
- d) Explain computer software in detail with suitable example. 4

5. Attempt all the questions.
 - a) Write a note on octal number. 2
 - b) What is pen drive? 2
 - c) Explain E-learning. 2
 - d) Write about antivirus in short. 2
