



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

- 1.** Either:
- a) Draw Block diagram of Computer and explain each unit in detail. **8**
 - b) Explain the characteristic of Computer in detail. **8**

OR

- c) Define Memory? Explain different types of memory in detail. **8**
- d) Write a short note on. **8**
 - i) Blue Ray Disc.
 - ii) Pen Drive.

- 2.** Either:
- a) What is Input Device? Explain working of Keyboard in detail. **8**
 - b) Write a short note on Touch Pad and Smart Card. **8**

OR

- c) Explain the following. **8**
 - i) MICR.
 - ii) OMR.
- d) Explain the working of Dot Matrix printer in detail. **8**

- 3.** Either:
- a) What is System Software? Explain any one System Software in detail. **8**
 - b) Differentiate between System Software & Application Software. **8**

OR

- c) Explain the Open Source Software in detail. **8**
- d) Explain the following. **8**
 - i) Freeware.
 - ii) Shareware.

4. Either:
- a) Explain the importance of Nano technology in brief. **8**
 - b) Explain the Bluetooth and Wi-fi in detail. **8**

OR

- c) Explain the following. **8**
 - i) E – Commerce.
 - ii) M – Commerce.
 - d) Give the contribution of Dr. Vijay P. Bhatkar in PARAM Super Computer. **8**
5. Solve all the questions.
- a) Explain the types of Computer in detail. **4**
 - b) Write a short note on Microphone. **4**
 - c) Explain the proprietary software in detail. **4**
 - d) Write a short note on Mobile Internet. **4**
