

**COMPUTER HARDWARE AND MAINTENANCE**

Time : 2.30 Hours]

[Maximum Marks : 50

[Minimum Marks : 17

**NOTES:**

- i) Attempt all the questions.
- ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

Q1) Answer any two of the following :

[2 × 5 = 10]

- a) What is a motherboard? Discuss different types of mother boards.
- b) Write a difference between wired and wireless mouse.
- c) Write various features of SSD.

Q2) Answer any two of the following :

[2 × 5 = 10]

- a) Discuss any two of the input devices.
- b) Write different types of buses.
- c) Describe different data encoding methods.

Q3) Answer any two of the following :

[2 × 5 = 10]

- a) Discuss different types of RAM.
- b) What is a printer? How does it work?
- c) What is a compact disc? Write its various types.

Q4) Answer any two of the following :

[2 × 5 = 10]

- a) Discuss different types of power supplies.
- b) Write different steps to troubleshoot a printer.
- c) Write various advantages of flash drive.

Q5) Answer any two of the following :

[2 × 5 = 10]

- a) Discuss the troubleshooting process of an operating system.
- b) Write a note on scanners.
- c) How can you troubleshoot a HDD?