

Seat No. \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY**

**BACHELOR OF PHYSIOTHERAPY – SEMESTER 1**

**APRIL 2026 EXAMINATION**

Course Name: Basic Computer & Information Science

Course Code: BPT-106

Total Printed Page:02

Date: 15/04/2026

Time:10am-11:30 am

Maximum Marks: 40

**Instructions:**

1. There are total 4 Questions given in this paper.
2. All the answer should be written in the answer book.
3. Marks on the right side suggest the total marks of that question.
4. Draw the figure where necessary.

**Q.1. Multiple Choice Questions: (MCQs)**

(05 × 1 = 05)

1. \_\_\_\_\_ memory is volatile and loses data when the power is switched off.
  - a) ROM
  - b) Hard Disk
  - c) Cache
  - d) RAM
  
2. \_\_\_\_\_ printer is commonly used in ATMs and billing machines.
  - a) Laser printer
  - b) Inkjet printer
  - c) Dot matrix printer
  - d) Thermal printer
  
3. The CPU processes instructions using the Fetch-Decode-Execute-\_\_\_\_\_ cycle.
  - a) Load
  - b) Transfer
  - c) Store
  - d) Access
  
4. Data in an optical disk is read with the help of a \_\_\_\_\_.
  - a) Magnetic head
  - b) Electric probe
  - c) Laser beam
  - d) Mechanical arm
  
5. The operating system provides a platform for \_\_\_\_\_ programs to run.
  - a) System
  - b) Application
  - c) Hardware
  - d) Utility

**Q. 2. Short answers (5 out of 7) (Answer not exceeding 50 words)**

**(5 × 2 = 10)**

- a. Define Operating System.
- b. List any two advantages of computer networks.
- c. What is World Wide Web (WWW)?
- d. What is sequential access?
- e. Why CPU called the "BRAIN OF THE COMPUTER"?
- f. What is voice recognition?
- g. List characteristics of a computer.

**Q. 3. Short Notes (3 out of 4) (Answer not exceeding 150 words)**

**(3 × 5 = 15)**

- a. What is Monitor? Explain any two types of monitors.
- b. Explain Magnetic Tape with its advantages and disadvantages.
- c. Explain the functions of an Operating System in detail.
- d. Explain different applications of the Internet.

**Q. 4. Essay (1 out of 2)**

**(1 × 10 = 10)**

- a. Describe the Block Diagram of a Computer in detail with an example.
- b. Explain different File Access Methods in detail.