

**2311001001030001**  
**EXAMINATION NOVEMBER 2024**  
**BACHELOR OF SCIENCE (COMPUTER SCIENCE) (NEP)**  
**(FIRST SEMESTER)**  
**MINOR-FUNDAMENTALS OF COMPUTER - LEVEL 3**

[Time: As Per Schedule]

[Max. Marks:50]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **BACHELOR OF SCIENCE (COMPUTER SCIENCE) (NEP) (FIRST SEMESTER)**
  - b. Name of the Subject : **MINOR-FUNDAMENTALS OF COMPUTER - LEVEL 3**
  - c. Subject Code No : **2311001001030001**
2. Sketch neat and labelled diagram wherever necessary.
  3. Figures to the right indicate full marks of the question.
  4. All questions are compulsory.

Seat No:

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Student's Signature

**Q.1 Answer the following questions.**

**10**

1. Which of the following is a pointing device?
  - a. Keyboard
  - b. Mouse
  - c. Monitor
  - d. CPU
2. Virtual memory is a type of physical memory. (True/False)
3. The two main types of software are \_\_\_\_\_ and \_\_\_\_\_.
4. What is the purpose of an operating system?
5. Which of the following is a non-volatile memory?
  - a. RAM
  - b. Cache
  - c. ROM
  - d. DRAM
6. The Internet and the World Wide Web (WWW) are the same things. (True/False)
7. FastTag uses \_\_\_\_\_ technology for automatic toll collection.
8. Name any two types of Internet connections.
9. Which device helps in converting digital signals into analog signals and vice versa for internet connection?
  - a. Router
  - b. Modem
  - c. Printer
  - d. Scanner
10. Google Drive is an example of a \_\_\_\_\_ service.

**Q.2 Answer the following questions. (Any Two)**

**14**

1. Explain the functional units of a computer with the help of a block diagram.
2. Differentiate between RAM and ROM. Describe their different types.
3. Explain the purpose and significance of an operating system.

**Q.3 Answer the following questions. (Any Two)**

**14**

1. Explain the working and applications of RFID in FastTag technology.
2. What is a motherboard? Describe its components.
3. Discuss the different types of printers (Dot Matrix, Laser, Inkjet) and their applications.

**Q.4 Answer the following questions. (Any Three)**

**12**

1. What are the key components of cloud computing? Provide examples.
2. Discuss the different types of Internet services.
3. What is a router? How does it work in a network setup?
4. Define the key terminologies used in web browsing, such as URL, domain, address bar, and bookmarks.
5. Describe the concept of tabbed browsing and its importance in modern web browsers.

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