



RAN-2311001101030001

B.Sc. (IT) (Sem. - I) Examination November - 2025
Fundamental of Computer (Paper - 103)

[Total Marks: 50

સૂચના : / Instructions

(1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the above details on your answer book.

Seat No.:

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Student's Signature

Q.1. (A) Define the following terms [Any Five]

[5]

1. Motherboard
2. ASCII
3. APFS
4. WC
5. Worksheet
6. CPU.

Q.1. (B) Answer following questions in short [Any Five]

[5]

1. List out components of Computer.
2. List out types of OS.
3. List out features of Linux.
4. What is transition?
5. What is the use of computer code?
6. What is ROM?

Q.2. (A) Answer the following questions in detail (Any Two)

[10]

1. Explain in detail Block diagram of Computer.
2. Explain in detail time sharing operating system.
3. Explain partition of Disk.

Q.2. (B) Answer the following questions in brief (Any Two)

[06]

1. Write a note on mobile computers.
2. Explain BIOS in detail,
3. Explain types of file system in detail.

Q.3. (A) Answer the following questions in detail (Any Two)

[10]

1. What is open source? Explain in detail features of Linux.
2. Explain different types of charts in spreadsheet.
3. What is BIOS, Explain in detail.

Q.3 (B) Answer the following questions in brief (Any Two)

[6]

- A. $110101_2 = (?)_{10}$
- B. $725_8 = (?)_{10}$
- C. $BB34_{16} = (?)_{10}$

- Q.4. (A)** Write a note on formatting documents. [5]
OR
Q.4. (A) Explain in detail Slide transition. [5]
Q.4. (B) How can we work with multiple sheets. [3]
OR
Q.4. (B) Explain 4-bit, 8-bit BCD system. [3]
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