RAN-2311001101030001

B.Sc. (IT) (Sem. I) Examination December - 2023

Fundamentals of Computer (New) : Paper 103

[Total Marks: 50

સૂચના : / Instructions

(૧)   નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of ☛ signs on your answer book

Name of the Examination:
☛ **B.Sc. (IT) (Sem. I)**

Name of the Subject :
☛ **Fundamentals of Computer (New) : Paper 103**

Subject Code No.:   **2311001101030001**

Seat No.:

Student's Signature

Q-l	Answer the following in short.	10

1) What is software?

2) List out the types of Buses on motherboard.

3) What is device driver?

4) Explain 8 bit BCD system.

5) Define NTFS.

6) What is ASCII?

7) What is batch processing OS?

8) What is slide sorter?

9) List out the LINUX components.

10) Which command is used to mount file system read only?

Q-2	Answer the following in details. (Any 2)	14

1) What is Computer? Explain the components of computer.

2) Explain the booting process of computer in details.

3) Write a note on the need and functions of Operating System.

4) Explain the motherboard and its components in details.

Q-3   **Answer the following in details. (Any 2)**   **14**

1) What is Open source? Explain the configuration and installation of Open source software.

2) Explain various drawing tools available in a document in Open office - Writer.

3) Explain data validations in Open Office - Calc in details.

4) What is animation and transition? How to apply animation and transitions in Impress?

Q-4   **Do as Directed.**   **12**

a)   **Explain the following commands. (Any 4)**   **8**

1) rmdir

2) whoami

3) wc

4) diff

5) cmp

6) pwd

b)   **Perform following number system conversions. (Any 2)**   **4**

1) $(BBA.8)_{16}$ Convert to Decimal

2) $(777)_8$ Convert to Hexa Decimal

3) $(1011100.11)_2$ Convert to Octal

4) $(1025)_{10}$ Convert to Binary

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