

Only for 2021 &  
2022 AD  
admitted  
Regular Students

TRIBHUVAN UNIVERSITY  
FACULTY OF MANAGEMENT  
Office of the Dean  
May - June 2023

Full Marks: 60  
Pass Marks: 30  
Time: 3 Hrs.

**BIM / First Semester / IT 231: Foundation of Information Technology**

*Candidates are required to answer the questions in their own words as far as practicable.*

**Group "A"**

**Brief Answer Questions:**

**[10 × 1 = 10]**

1. Define analog computer.
2. List out any three types of information system.
3. Differentiate between magnetic tape and magnetic disk.
4. Define application software.
5. What is network topology?
6. Why Green Computing is required?
7. What is cloud database?
8. Differentiate between JPEG and GIF file format.
9. Differentiate between virus and worm.
10. Why FTP is used?

**Group "B"**

**Short Answer Questions: (Attempt any FIVE Questions)**

**[5 × 3 = 15]**

11. Explain the various component of Computer System.
12. Mention the advantages of search engine with example.
13. How the IT is transforming business? Explain with an example.
14. Explain the Concept of Smart City in brief with its advantages.
15. What are the different application area of Database System?
16. Briefly Explain any three types of Unguided Media.

**Group "C"**

**Long Answer Questions: (Attempt any THREE Questions)**

**[3 × 5 = 15]**

17. List out the factor that affect the speed of CPU. Explain Various functionalities of CPU.
18. Explain any three contemporary technologies that can be used for improving business performance.
19. Explain any five function of operating system.
20. Explain the importance of multimedia in business today with example.

**Group "D"**

***Comprehensive Answer / Case / Situation Analysis Questions:***

***[2 × 10 = 20]***

21. How authorization is different from Authentication? Explain different methods that can be used to prevent unauthorized use and access.
22. Differentiate Primary and Secondary Memory. "Different types of Primary memory has own role in computer system". Justify the statement with counter example.

