

Only for 2021 to
2024 AD
admitted
Students

TRIBHUVAN UNIVERSITY
FACULTY OF MANAGEMENT
Office of the Dean
April – May 2025

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. Mention any two advantage of digital computer over analog computer.
2. What is Information System?
3. Mention any two differences between S – RAM and D – RAM.
4. What is green computing?
5. List out any two system software.
6. Define communication protocol.
7. What is E-Governance?
8. What is web based multimedia?
9. Define cloud database.
10. What is Firewall?

Group “B”

Short Answer Questions: (Attempt any FIVE Questions)

[5×3=15]

11. How does the use of multimedia add value to a business organization?
12. Explain how different levels of organizational structure benefit from IT support.
13. Compare between 3rd and 2nd generation computer.
14. Explain any three types of operating system.
15. Explain any three types of data model.
16. What is the Importance of Internet of Things in present context? Explain with example.

Group “C”

Long answer questions: (Attempt any THREE Questions)

[3×5=15]

17. How can individuals and organizations protect themselves from computer sabotage and unauthorized access?
18. Explain different types of network topology.
19. Explain about any three types of secondary memory.

20. How does the I/O system work in computer? Explain the role of I/O ports and devices.

Group “D”

Comprehensive Answer / Case / Situation Analysis Questions:

[2×10=20]

21. A company is upgrading its IT infrastructure. As an IT consultant, suggest what things should be considered to gain a competitive advantage with its importance.
22. Examine the privacy and censorship challenges related to the use of multimedia and internet services. How can a balance be maintained between security, freedom of expression, and user rights?

