



Tribhuvan University
Faculty of Humanities & Social Sciences
OFFICE OF THE DEAN
2024

Bachelor in Computer Applications
Course Title: MIS and e-Business
Code No: CACS 301
Semester: V

Full Marks: 60
Pass Marks: 24
Time: 3 hours

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

Group B

Attempt any SIX questions.

[6×5 = 30]

2. Differentiate between Pure E-Commerce and Partial E-Commerce. Provide examples to illustrate the differences between these two types of E-commerce models. [3+2]
3. What are the security risks in wireless networks? How can we protect E-commerce transactions on these networks? [3+2]
4. How do TPS, MIS, DSS, and ESS vary from one another?
5. Explain EC Security requirements.
6. Differentiate LTE 4G from 3G UTMS. [5]
7. Describe the key difference between IDS and IPS. How do they complement each other in securing E-commerce networks with diagram? [3+2]
8. What is SEO and why is it crucial for websites, especially E-commerce ones?

Group C

Attempt any TWO questions.

[2×10 = 20]

9. How do ADSL, WiMAX, WLAN, and WMAN differ from each other? Explain how each of these wireless technologies contribute to internet connectivity for E-Commerce. [5+5]
10. Differentiate between technical and non-technical malware attacks. Discuss examples of non-technical attacks, and how they affect e-commerce operations. [5+5]
11. Discuss the pros and cons of each funding options for starting a new online business. What are the key website design criteria that need to be consider when creating an online store? [5+5]