Tribuvan University
Institute of Science and Technology
2071

Bachelor Level/ Third Year/ Fifth Semester/ Science   Full Marks: 60
Computer Science and Information Technology (CSc. 307)   Pass Marks: 24
(E-Governance)   Time: 3 hours

Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.

Group A
Long Answer Questions:
Attempt any two: (2x10=20)

1. What is e-governance? Discuss the issues in e-governance applications and the digital divide.
2. Discuss critical flow model and mobilization model and lobbying model of e-governance along with
applications.
3. What is data warehousing and data mining? How can you use these concepts in e-governance? Discuss.

Group B
Short Answer Questions:
Attempt any eight: (8x5=40)
4. What are the content of e-governance? Explain in detail.
5. Discuss the institutionalized level of maturity model in detail.
6. How can we achieve good governance through e-governance models?
7. What is e-readiness? Discuss legal infrastructural preparedness of e-readiness.
8. How can we use data warehousing and data mining concepts in agriculture and rural development?
9. What is cyber law? Discuss the current scenario of cyber law in Nepal.
10. Discuss the current scenario of e-governance in Nepal.
11. What are the key focus areas of maturity levels? Explain.
12. Discuss evolutionary stages in e-governance in detail.
13. Write short note on:
a. E-governance scope
b. Technological infrastructural preparedness