

**Tribuvan University**  
**Institute of Science and Technology**  
**2067**

Bachelor Level/ Third Year/ Fifth Semester/ Science  
Computer Science and Information Technology (CSc. 307)  
(E-Governance)

Full Marks: 60  
Pass Marks: 24  
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 critical flow model and comparative analysis model in detail.
2. Define the terms data warehousing and data mining. Discuss key areas that demand the use of data warehousing and data mining.
3. Discuss E-Governance initiatives taken by government of Nepal in present context.

**Group B**

Short Answer Questions:

Attempt any eight: (8x5=40)

4. Discuss the needs of E-Governance.
5. What are the issues related to E-governance application? Why do we need to consider these issues?
6. How can we use E-Governance models to achieve good governance? Discuss.
7. What are different levels in maturity model?
8. Discuss human infrastructural preparedness for E-readiness.
9. What is technology infrastructural preparedness for E-readiness? Discuss.
10. How can we use data warehousing and data mining concepts in census data? Discuss.
11. What are the goals that data mining attempts to facilitate?
12. Discuss in brief about E-Governance in China.
13. Write short note on:
  - a. Cyber Law
  - b. G2C2G
  - c. Digital divide