

**Tribhuvan University**  
**Institute of Science and Technology**  
**2076**

Bachelor Level / fifth-semester / Science Full marks: 60 **Computer Science and Information Technology(CSC323)** Pass marks: 24 (Society and Ethics in Information Technology) 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.

**Section A**

Attempt any two questions.(2x10=20)

1. What is intellectual property? How do you protect such property using copyright, patent, and trade secret? Explain.(2+8)
  
2. Define ethics and ethical theory. What are the different ethical theories? Explain.(2+8)
  
3. What is the digital divide? Explain different enablers of the digital divide.(2+8)

**Section B**

Attempt any eight questions.(8x5 = 40)

- 4.What are different applications of sociology? Discuss.(5)
  
5. What are the merits of computer ethics in education?(5)
  
6. Has the internet made software protection easier or more difficult? Why or why not?(5)
  
7. What is electronic employee monitoring? What are the consequences of electronic monitoring?(2+3) 8. What are the causes of software failure?(5)
  
9. What is software risk? How do you assess and manage software risks?(1+4)
  
10. Discuss ethical implications of AI.(5)
  
11. Discuss with example storage virtualization and application virtualization.(5)
  
12. Write short notes on:(2x2.5)
  - a. indicators of development
  
  - b. Cyberspace