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Tribhuvan University
Institute of Science and Technology
2080
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Bachelor Level / Third Year /Six Semester/Science   Full Marks: 60
Computer Science and Information Technology (CSC. 351)   Pass Marks: 24
(Software Engineering)   Time: 3 hours.
(OLD COURSE)

Candidates are required to give their answers in their own words as for as practicable.
The questions are of equal value.

Attempt any Ten questions.   (10×6=60)

1. Compare and contrast software engineering with other engineerings. (6)

2. How project scheduling is carried out? Explain. (6)

3. Why do you think project management is a challenging task? (6)

4. Explain any two feasibility study that is carried out. (6)

5. What is software prototyping? What are its advantages and disadvantages?
 (2+3)

6. Explain formal specificaion with an example. (6)

7. What are the features of object oriented design? Explain. (6)

8. Explain clean room software development approach. (6)

9. Briefly explain unit testing, integration testing and system testing. (6)

10. Explain any one software cost estimation technique. (6)

11. Explain system modeling with an example. (6)

12. Write short notes (2×3=6)
    a) Source code translation
    b) Modular decomposition.