

Tribhuvan University
Institute of Science and Technology
2075

Bachelor Level / seventh-semester / Science

Computer Science and Information Technology(CSC408)

(Software Project Management)

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Full marks: 60

Pass marks: 24

Time: 3 hours

Group A

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

1. Outline the contents of a Software Project Management plan and explain in detail.
2. Explain in detail about critical path scheduling method with example.
3. Explain the various maturity levels of SEI CMM and also discuss the key process areas for each level.

Group B

Short Answer Question (Attempt any eight) (8x5=40)

4. Explain the SPM framework.
5. Differentiate between project life cycle and product life cycle.
6. Comparison between waterfall model with spiral model.
7. Explain the objectives of activity planning.
8. Explain the Gantt Charts in Scheduling with example.
9. What are the roles of Software Engineer in a project? Explain.
10. Explain the function of software configuration management.
11. Explain the three modes of the basic COCOMO model.
12. Explain the SQA plan with example.
13. Write short notes on:
 - a. Change Control
 - b. Software Quality