

TRIBHUVAN UNIVERSITY  
FACULTY OF MANAGEMENT

Office of the Dean

Aug - Sept 2017

Full Marks: 40

Time: 2 hrs.

**BIM / Eighth Semester / IT 306: Software Project Management**

*Candidates are required to answer all the questions in their own words as far as practicable.*

**Group "A"**

**1. Brief Answer Questions:**

**[10 × 1 = 10]**

- i. What do you mean by software project management?
- ii. Define capability maturity model
- iii. For what purpose COCOMO method is used?
- iv. What is pair programming?
- v. What is use-case?
- vi. What is test automation?
- vii. Why the projects fail?
- viii. What do you mean by deskcheck?
- ix. What do you mean by inspection of a project?
- x. What is software process model?

**Group "B"**

**Exercise Problems:**

**[5 × 4 = 20]**

2. What are the basic principles of agile method? Explain.
3. What are the main components required to create the project plan? Explain.
4. Explain project schedule with example.
5. What is outsourcing? Explain.
6. What is Wideband Delphi Estimation method? Explain.

**Group "C"**

**Comprehensive Questions:**

**[2 × 5 = 10]**

7. Consider any software system and explain functional and non-functional requirements of the software.
8. What are the steps for the inspection of a project? Explain.

