

# POKHARA UNIVERSITY

Level: Bachelor  
Semester: Spring  
Programme: BE  
Course: Software Project Management

Year : 2017  
Full Marks: 100  
Pass Marks: 45  
Time : 3hrs.

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

*The figures in the margin indicate full marks.*

**Attempt all the questions.**

1. a) Recent flood in Nepal had very devastating effect. If you have been asked to develop a software project. What would be your plan, methodology and process in developing it? What are its constraints? How would you deal it? 10
- b) Define conventional software management. How is it differ from modern software management? Explain it with example. 5
2. a) List down the basic parameters required for software cost model. Explain any two basic parameters briefly. 3+5
- b) Compare & contrast software process workflow & iteration workflow. 7
3. a) Explain the different stages of Life-Cycle Phases. Also explain the evaluation criteria for the Life-Cycle Phases. 5+3
- b) Explain different Perspective of Model-Based Software Architectures. 7
4. a) Who are the important stakeholders in software projects? Identify. 8
- b) What is WBS? Explain the various approaches for building a WBS with appropriate example. 2+5
5. a) Define CASE. How is it helpful in process automation? Justify. 2+6
- b) List the points for software management based practices. 7
6. a) Explain the reasons behind the following assertion: "Adding more manpower to a late project makes it later". 8
- b) Explain the Next-Generation Cost Models with their advantages and disadvantages. 4+3
7. Write short notes on: (**Any two**) 2x5
  - a) Modern Process Transition
  - b) Iterative process
  - c) Status Monitoring