

# POKHARA UNIVERSITY

Level: Bachelor

Semester: Fall

Year : 2018

Programme: BE

Full Marks: 100

Course: Software Project Management

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) What are the three generations of software development? What are the different constraints operate every project? 8  
b) Explain the motivators factors identified for project? 7
2. a) What are the five basic parameters of the software cost model? How can we reduce software product size? 8  
b) How staffing should be done for software projects? Explain. 7
3. a) What do you understand by Artifacts? Explain management and its components sets. 8  
b) What do you understand by Periodic status assessment? What activities are covered in this assessment? 7
4. a) Distinguish between conventional work break down structure issues and evolutionary work break down structures. 5  
b) What are the planning guide lines? How iteration planning process is done? What are its different steps? 10
5. a) What are the different tools and components needed to automate the software development process? Explain with neat sketch. 8  
b) What are the three different aspects of software architecture? Describe. 7
6. a) How would culture shifts managed successfully to a modern software management process adjusted? 8  
b) Object-oriented software development brings out the scope of improvement in the software project economics. Discuss. 7
7. Write short notes on: (**Any two**) 2×5
  - a) Round – trip engineering
  - b) Periodic status assessment
  - c) Cocomo Model