

# POKHARA UNIVERSITY

Level: Bachelor  
Programme: BE  
Course: Software Project Management

Semester: Fall

Year : 2019  
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.***

- a) What is software project management? What are the major activities in project management? 8
- b) List and explain the major difficulties in software project management. 7
2. a) What is the difference between a software process model and a software process? How do you improve software process? 7
- b) What are the activities of software architecture team what are their expertise. 8
3. a) What are the different ways to organize software project team? Justify the methods to increase staff motivation. 8
- b) What are the principle of Modern Software Management? 7
4. a) What is work breakdown structure? What is responsibility Matrix? How are they related? 8
- b) Why is it necessary to plan software projects? What are the broad activities that encompass software project planning? 7
5. a) Suppose you are the project manager of a large development project 'The top management informs you would have to do with a fixed team size (i.e. constant number of Engineers) throughout the duration of your project. What will be the impact of this decision on your project? Explain your answer. 10
- b) What is software baseline and its significance? Describe various baselines. 5

OR

What are the parameters for status monitoring of software projects?

6. a) Object-oriented software engineering is rapidly displacing 8

conventional software development approaches. Justify your answer.

b) What are the artifacts sets? Describe their purpose and notations.

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7. Write short notes on: (**Any two**)

2×5

a) Conventional project management

b) Major and minor mile stones.

c) Process automation tools