POKHARA UNIVERSITY

Level: Bachelor   Semester:Fall   Year   : 2020
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) Explain principles of conventional software engineering?   8
   b) Explain briefly Waterfall model. Also explain Conventional software management performance.   3+4

2. a) Explain in detail about the principles of modern software management.   8
   b) Explain five staffing principal offered by Boehm. Also explain Peer Inspections?   7

3. a) Explain briefly two stages of the life cycle engineering and production.   8
   b) Explain the software Architecture on the basis of management perspective and technical perspective.   7

4. a) What is software risk? Explain the risk mitigation framework in case of software project.   2+6
   b) What do you understand by the term Work Break-down Structure (WBS)? Explain the importance and limitation of WBS.   2+5

5. a) Discuss briefly on technical aspect of software architecture.   2+6
   b) Explain the elements of modern Software Project Management principles and their constraints?   7

6. a) Explain general status of plans, requirements and product across the major milestones.   7
   b) What are the five essential elements for successful software development, explain in brief?   8

7. Write Short notes on: (**Any two**)   2×5
   a) Management perspective of architecture
   b) Economic Feasibility
   c) Modern Software Economics