PVP 14

Code: IT6T1

III B.Tech-II Semester–Regular/Supplementary Examinations–March 2019

SOFTWARE ENGINEERING
(INFORMATION TECHNOLOGY)

Duration: 3 hours Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11x 2 = 22 M

1.

a) List the types of Myths.
b) Name any 2 evolutionary process models.
c) Define Software Quality. List any two quality attributes.
d) Write any two functional and Non-functional requirements.
e) Define coupling and cohesion.
f) Draw the symbols used in Use-case diagrams.
g) Differentiate between Flow chart and Data Flow Diagram.
h) Define the complexity of OO Design.
i) Differentiate between self-review and peer review.
j) What do you know about Software Project?
k) Define Fault and Failure.

PART – B

Answer any *THREE* questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Define the "Software Engineering". Explain Changing Nature of Software 8 M

   b) Discuss about Software Myths. 8 M

3. a) Explain Spiral model for Software development. 8 M

   b) Explain various activities in software project management 8 M

4. a) Define SRS. What are characteristics of Good SRS? 8 M

   b) Explain any two Architectural styles. 8 M

5. What is the need for risk management? Explain the process of risk identification, risk projection and risk refinement. 16 M

6. a) State and explain various testing methods under black-box testing. 8 M

   b) What is test plan? Explain about test case design. 8 M