

(3 Hours)

[Total: 80 Marks]

- Note : (1). Question number 1 is compulsory.
(2).Attempt any three questions from the remaining.
(3).Assume suitable data wherever necessary.

- Q1 Solve any Four out of Six.
- a) Explain the characteristics and nature of software. 05
 - b) Describe the advantages and limitations for large sized software projects? 05
 - c) Explain the steps involved in SQA Plan? 05
 - d) Discuss about the principles of user interface design steps? 05
 - e) Explain 3 P's in software project spectrum? 05
 - f) Short note on Mc-Calls Quality factors? 05
- Q2a) Explain the Principles of Agile methodology? Discuss the difference between Agile and Evolutionary Process Model? 10
- b) Explain V-Model in details? 10
- Q3a) Explain characteristics of SRS? Build an SRS Document for online student feedback system? 10
- b) What is Feasibility Study? Discuss the different types of feasibility study. 10
- Q4a) Explain LOC and Function Point estimation technique in detail? 10
- b) Explain different types of coupling and cohesion? 10
- Q5a) Explain Risk Mitigation, Monitoring, and Management (RMMM) plan. 10
- b) Explain change control process in SCM in detail? 10
- Q6a) What is a risk? Explain different types of risk in details? 10
- b) Explain software testing strategy and its techniques? 10
