UNIT – I

Q.1 (a) What do you mean by software project management? Explain the activities, which are to be performed in software project management. [8]

(b) Describe processes and program management Roles in detail. [8]

OR

Q.1 (a) Give the metrics for software Quality also explain how a software metrics program is established. [8]

(b) Define the management spectrum in the following terms: - [8]
   (i) Process
   (ii) Product
   (iii) People
   (iv) Project

UNIT – II

Q.2 (a) Differentiate between the COCOMO –I and COCOMO – II model. [8]

(b) What is cyclomatic complexity? Explain it. [8]

OR

Q.2 (a) Explain the following:- [4×4=16]

(i) Decomposition technique

(ii) Estimation for Agile development

(iii) Object oriented project estimation

(iv) Empirical estimation model

UNIT – III

Q.3 (a) Describe the Reactive V/S Proactive Risk strategies. [8]

(b) Discuss the project scheduling technique and illustrate their advantages and disadvantages. [8]

OR

Q.3 (a) Explain Quantitative approaches used to measure Quality with its types. [8]

(b) Write short note on quality process planning. [8]

UNIT – IV

Q.4 (a) What is SQA? Define coals of SQA. [8]

(b) What is SCM? Explain its need. [8]

OR

Q.4 Write short notes on –

(a) Software configuration management. [8]

(b) Software Quality assurances. [8]

UNIT – V

Q.5 (a) Explain Reviews and NAH syndrome? [6]

(b) Explain various tracking in project monitoring and control. [10]

OR

Q.5 Write short notes on –

(a) Project closure analysis [8]

(b) Actual versus estimated analysis of effort and schedule. [8]