

[Total Marks: 80]

(3 Hours)

- N.B.:** (1) Question No.1 is **compulsory**.
 (2) Attempt any **four** from the remaining **six** questions.
 (3) Answers to questions should be grouped and written together.
 (4) Draw the diagrams whenever required.

Q1 (a): What is role of Project Manager in an IT project? What is skill set required for good project manager? (10)

Q1 (b): What do you mean by cost and budgeting of an IT project? What are the basic principles of cost management should be considered at time of cost estimation? Explain which type of estimate should be used when and why? (10)

Q2 (a): What is project implementation? Explain different approaches for the Project implementation. (08)

Q2 (b): What is MOV? What are the steps to develop the MOV? (07)

Q3 (a): Why quality of IT project is necessary? What do you mean by cost of Quality and cost categories related to quality? (08)

Q3 (b): Explain the difference between scope verification and scope control. (07)

Q4 (a) : Discuss the common sources of risk on information Technology projects and describe the contents of risk register and how the risk register is used in several risk management processes? (08)

Q4 (b): Explain control charts and seven run rule in quality management. (07)

Q5 (a): What is project procurement management? Explain different processes involved in it? (08)

Q5 (b): What are the steps required for Project Closure. (07)

Q6 (a): What are the main types of contracts if you decide to outsource? What are the advantages and disadvantages of each? (08)

Q6 (b): Discuss the project metrics in detail. (07)

Q7: Write Short Notes on any three: - (15)

- WBS.
- Responsibility Assignment matrix
- Matrix organization
- Statistical Sampling.