

Max Marks: 80

Time: 3Hrs

N.B: (1) Question No.1 is compulsory.

(2) Attempt any four out of the remaining questions

(3) Answers to questions should be grouped and written together.

Q1 (a) : What is the use of WBS? What are the different approaches to create WBS? Create a WBS for all necessary phases required in software development process, Apply milestone and dependency in WBS also. (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): Differentiate Project and process. Explain how Project charter can help a Project Manager to manage the Project? (08)

Q2 (b): What is project implementation? Explain different approaches for the Project implementation. (07)

Q3 (a): Discuss the difference between resource loading and resource levelling and provide an example of when you would use each technique. (08)

Q3 (b): What is MOV? What are the steps to develop the MOV? (07)

Q4 (a): Why quality of IT project is necessary? What do you mean by cost of Quality and cost categories related to quality? (08)

Q4 (b): What is Ishikawa diagram? What is the use of it? Explain with an example. (07)

Q5 (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)

Q5 (b): What are the phases in a traditional project life cycle? (07)

Q6 (a): Given the following information for a 1 year project PV=Rs.23000 EV= Rs.20000 AC= Rs.25000 BAC=Rs.120000. Answer the following- (08)

(a) Calculate CV, Is project under budget or over budget.

(b) Calculate SV, Is project ahead of schedule or behind the schedule

(c) Calculate CPI, Is project under budget or over budget.

Q6 (b): What are the differences between Project Organization and Matrix Organization? (07)

Q7: Write Short notes any three-- (15)

(a) Outsourcing

(b) Fishbone diagram

(c) Request for Proposal(RFP)

(d) Statistical Sampling

(e) Responsibility Assignment matrix