

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER IX- EXAMINATION –SUMMER-2024

Subject Code: 2698604

Date: 04/05/2024

Subject Name: Project Management

Time: 02:30 PM TO 05:00 PM

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

- Q.1** (a) What is project estimation? Explain COCOMO estimation model. Unit-6 (S-23) 07
(b) Define terms: 07
(i) NGT (S-23)
(ii) AON (S-23)
(iii) EV (S-22)

- Q.2** (a) List and explain content of Project Charter. Unit-3 (S-23 p-4) 07
(b) Explain project estimation terms: (S-22) 07
(i) Guesstimating
(ii) Time boxing
(iii) LOC

OR

- (b) Justify statement: Risk Identification is done throughout the project life cycle. 07

- (S-22 p/10) **Q.3** (a) What is risk? Discuss various types of risks and risk identification techniques. 07
(b) Define statement of work (SOW), Scope statement and scope boundary. Give one example of each with respect to an eCommerce web application. 07

OR

- Q.3** (a) Explain Deliverable Definition Table (DDT) and Deliverable Structure Chart (DSC) using suitable example. 07
(b) Please comment: An effective and efficient communication is vital to a project. 07

- Q.4** (a) What is project scheduling? Discuss steps for project scheduling development. Unit-7 07
(b) What is stakeholder? How and What types of information is provided to stakeholder? 07

OR

- Q.4** (a) Write Short Note: individual performance review, postmortem review 07
(b) What is verification and validation? Which activities support validation and verification? 07

- Q.5** (a) Discuss content of Change Request form. Why it is important. 07
(b) What are project metrics? Describe the qualities of a good project metric. Unit-9 07

OR

- Q.5** (a) Discuss content of communication plan. Unit-9 07
(b) What is the importance of a project closure? What is the purpose of project audit? 07
