

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

MCA (Sem.-3)
SOFTWARE PROJECT MANAGEMENT

Subject Code : PGCA1930

M.Code : 90801

Date of Examination : 12-12-2024

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION - B & C have FOUR questions each.
3. Attempt any FIVE questions from SECTION B & C carrying TEN marks each.
4. Select atleast TWO questions from each SECTION - B & C.

SECTION-A

1. Write short notes on :

- a) Define project management process?
- b) Write use of COCOMO2 model.
- c) What is meant by cost benefit evaluation?
- d) Define Capers jones rule?
- e) What is scheduling activity?
- f) What is Software People Management?
- g) Discuss hazard analysis
- h) Discuss monte carlo simulation model.
- i) What is organizational structure?
- j) Write a short note on Software Reliability

SECTION-B

2. What is cost-benefit analysis? Discuss the cost-benefit evaluation techniques.
3. Define following :
 - a) Requirement analysis
 - b) Hazard analysis
4. Illustrate the PERT method for identifying the critical path of project.
5. Write in brief the Types of Risk Management and managing its use in software project management.

SECTION-C

6. Write in detail the monitoring and control of software project management cycle. Discuss various collection data techniques.
7. Discuss Contract Management. What are the types of Contracts and its stages?
8. Explain different approaches for Quality Management. Give the overview of any one case study of Quality Management.
9. What is the criteria for selecting the team structure?

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.