

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

MCA (Sem.-3)
SOFTWARE PROJECT MANAGEMENT

Subject Code : PGCA-1930

M.Code : 90801

Date of Examination : 04-01-2023

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 SECTION - B & C.**

SECTION-A

- 1. Write short notes on :**
- a) Explain the project management tools.
 - b) Write about safety and security in people management.
 - c) Explain Project team and how does it help in managing a project?
 - d) Discuss about project sequencing.
 - e) What is ERP?
 - f) Explain organization and team structure.
 - g) What are the types of contract?
 - h) Explain SQA activities in short.
 - i) How to perform risk planning?
 - j) Define critical path analysis.

SECTION-B

2. Describe software size estimation techniques. Using a Schematic diagram and Suitable example show the order in which the following are estimated in the COCOMO estimation Techniques: Cost, Duration, Size?
3. Explain Conventional and Evolutionary work break down structures.
4. What do you understand by Sliding Window Planning? Explain using a few examples the types of projects for which this form of planning is especially suitable. What are its advantages over conventional planning?
5. Explain Feedback and Reporting mechanism in project evaluation.

SECTION-C

6. Explain how software quality assurance process differs from software development process? Also explain each phases of software quality development. Discuss the assessment of software quality according to the quality attributes. You should consider each attribute and explain how it might be assessed?
7. What is the role of a TEAM in decision making? Discuss. Explain the concept of technical leadership, immediate checkpoints and risk reduction in detail.
8. Explain Organizational behaviour. Explain why adding more manpower to an already late project makes it later.
9. What is project closing process? Explain in detail that how it is related to milestone and deliverable?

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.