

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 : 20-06-2024

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 SECTION - B & C.

**SECTION-A**

**1. Write short notes on :**

- (i) What do you mean by Software Quality Assurance?
- (ii) What do you mean by risk quantification?
- (iii) What are milestones?
- (iv) What is the significance of cost-benefit analysis?
- (v) What is critical path? What is its importance?
- (vi) Mention the important activities in the Software Project Management.
- (vii) Define risk identification and its ranking.
- (viii) What is risk management?
- (ix) What are the advantages of COCOMO?
- (x) What is Phase?

## SECTION-B

2. What is Project Planning? What are the major activities in Project Planning? Explain in detail.
3. Explain drawing of Gantt Chart with an example. Also, state the difference between CPM and PERT.
4. Define project. How software project differs from other projects?
5. Discuss the various risks in a project is susceptible to. How the Risk Management plans are derived and implemented?

## SECTION-C

6. What are the Project Execution processes? Explain them in detail.
7. What are the steps in Project Closure? Explain in detail.
8. Explain Oldham-Hackman Job characteristic model.
9. Explain with an example how the earned value chart depicts scheduled progress, actual cost and actual progress (earned value) to allow the determination of spending, schedule and time variances?

**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.**