CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
IV–B.TECH–I–Semester End Examinations (Supply) – April – 2025
SOFTWARE PROJECT MANAGEMENT
(CSC)

[Time: 3 Hours]   **[Max. Marks: 70]**

Note: This question paper contains two parts A and B.
　　　Part A is compulsory which carries 20 marks. Answer all questions in Part A.
　　　Part B consists of 5 Units. Answer any one full question from each unit. Each question
　　carries 10 marks and may have a, b, c as sub questions.

PART-A   **(20 Marks)**

1. a) What are the five basic parameters for Economics of Scale?   [2M]
   b) What are the disadvantages of commercial components?   [2M]
   c) What are the primary objectives of Inception phase?   [2M]
   d) List the four major milestones.   [2M]
   e) What is an Architecture Baseline?   [2M]
   f) What is Iteration Readiness Review?   [2M]
   g) Define Life-Cycle Architecture Milestone.   [2M]
   h) List out the phases of workflow of an iteration.   [2M]
   i) Describe Roundtrip Environment.   [2M]
   j) Define SEPA and SEEA.   [2M]

PART-B   **(50 Marks)**

2.   Describe the five basic parameters of Software Economics.   [10M]
                                OR
3.   Describe Late design breakage and Late Risk resolution in Water fall model.   [10M]

4.   Discuss primary objectives and evaluation criteria of Inception Phase.   [10M]
                                OR
5.   Discuss life cycle phases and its stages with neat sketch.   [10M]

6.   Explain briefly about the Engineering Set Artifacts.   [10M]
                                OR
7.   Compare and contrast between Management and Technical perspectives of Model   [10M]
     based software.

8.   Explain briefly about the Iteration Planning Process.   [10M]
                                OR
9.   Illustrate the default roles in a software line-of-business organization.   [10M]

10. Illustrate the typical automation and tool components that support the process   [10M]
     workflows.
                                OR
11. a) Write the Difference between management Indicators and Quality indicators.   [5M]
    b) Describe the basic characteristics of a good software metrics.   [5M]
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