1128
B.E. (Computer Science and Engineering)
Seventh Semester
Elective – II
CS-704A: Software Project Management

Time allowed: 3 Hours   **Max. Marks: 50**

NOTE: *Attempt <u>five</u> questions in all, including Question No. I which is compulsory and selecting two questions from each Unit.*

x-x-x

I. Attempt the following:-

    a) Compare LOC and Function Points.

    b) Discuss the relationship between People and Effort.

    c) Distinguish between PERT and GANTT charts.

    d) Differentiate between Configuration Audit and Status Reporting.

    e) Compare Reactive and Proactive Risk Strategies.

UNIT – I

II. a) Compare object-oriented metrics with traditional metrics for size and other parameters.
    b) Discuss the full project management spectrum using a real life scenario.   (5,5)

III. Analyze and compare various software project estimation techniques using examples.
                                                                                    (10)

IV. a) Analyze relationship between People and Effort using suitable examples.

    b) Discuss Earned Value Analysis using a case study.   (5,5)

UNIT – II

V. Compare various software quality standards and discuss their respective pros and cons using a real life scenarios.   (10)

VI. Design a RMMM plan for a web based system using a case study.   (10)

VII. a) Discuss the Version Control and Change Control using suitable examples.

    b) Discuss the relationship between software maintenance and re-engineering using a real life scenario.   (5,5)

x-x-x