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MCA DEGREE IV SEMESTER EXAMINATION MAY 2014

CAS 2403/2404 SOFTWARE PROJECT MANAGEMENT
(Regular & Supplementary)

Time: 3 Hours   Maximum Marks: 50

PART A
(Answer *ALL* questions)

$(15 \times 2 = 30)$

I.   (a)   Define software project management.
      (b)   What are the activities covered by software project management?
      (c)   What are the responsibilities of a project manager?

II.   (a)   What are the fundamental types of evolutionary developments?
      (b)   What are the steps in cost benefit analysis?
      (c)   Explain V-process model with diagram.

III. (a)   Explain bottom-up estimating.
      (b)   What are the components of computer based information system?
      (c)   Explain estimation by case-based reasoning.

IV.   (a)   What are the levels in WBS?
      (b)   Write notes on approaches used to identify the activities that make up a project.
      (c)   How will you calculate risk value?

V.   (a)   What is partial completion reporting?
      (b)   Categorize contracts according to the approach used in contractor selection.
      (c)   What is expectancy theory of motivation?

PART B

$(5 \times 4 = 20)$

VI.   Write notes on project planning.
                              OR
VII.   What are the functions and activities of management?

VIII. What are the contents of a technical plan?
                              OR
IX.   Write notes on incremental delivery.

X.   Explain about expert judgment.
                              OR
XI.   How will you measure the effort for a project by COCOMO?

XII.   What are the rules in construction of CPM networks?
                              OR
XIII. What are the methods for assessing the effects of uncertainties on project schedule?

XIV.   Explain the earned value analysis in detail.
                              OR
XV.   Explain the organisational structure.

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