# LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

## M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

### THIRD SEMESTER – APRIL 2017

### CA 3951- SOFTWARE PROJECT MANAGEMENT

Date: 26-04-2017          Dept. No.          Max. : 100 Marks
Time: 09:00-12:00

## PART – A

**Answer ALL questions**                              **10 X 2 = 20**

1. Write the characteristics of project.
2. Give the stakeholders of project.
3. What are the activities involved in risk identification.
4. List the types of prototypes in evolutionary model.
5. Give the approaches that help to identify project activities.
6. Write the steps in risk planning.
7. Define Earn Value analysis.
8. Give the stages of contract.
9. Write Taylors objective of organization behavior.
10. Define CMMI.

## PART – B

**Answer ALL questions**                              **5 X 8 = 40**

11. a) Write short note on software development project activity and lifecycle.

Or

b) Elucidate Risk evaluation in details.

12. a) Explain the following activity steps:

    (i)   Analyzing project characteristics

    (ii)  Identifying project product and activity.

Or

b) Describe spiral model of software development.

13. a) Elucidate the objectives of activity planning.

Or

b) Discuss how resource allocations are done across project.

14. a) Illustrate on various methods of visualizing progress.

Or

b) Write note on the vital terms of contract.

15. a) Discuss on the methodology of forming team across the project.

Or

b) Explain the methods for effective decision making.

## PART – C

**Answer any two questions**                                   **2 X 20 =40**

16. a) Discuss on the methodology of evaluating individual project.

b) How functional points are used for analyzing a project? Explain.

17. a) State and explain the rules for the construction of precedence network.

b) Explain various types of contract management.

18. a) Discuss on various motivation theories.

b) Explain PRINCE2 components.

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