# LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

THIRDSEMESTER – APRIL 2018

### CA 3951- SOFTWARE PROJECT MANAGEMENT

Date: 05-05-2018          Dept. No.                    Max. : 100 Marks
Time: 09:00-12:00

## PART – A

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

1. Define the characteristics of project.
2. List the types of cost and benefits.
3. Write the steps for project resource allocation.
4. Define COCOMO.
5. What are project activities?
6. Give the factors to be considered during resource allocation.
7. Define earned value.
8. Write the type of software contracts.
9. Give the stages of team development.
10. Write Mccall's quality criteria.

## PART – B

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

11. a) Write note on software project activities.
        Or
    b) Illustrate on evaluating risks.

12. a) Write notes on the following:
        (i)     Analyzing of project  characteristics
        (ii)    Identifying project activity risk.
        Or
    b) Elucidate Functional Point Analysis.

13. a) List and explain the rules for constructing critical path method network.
        Or
    b) Write notes on categories of resources.

14. a) Elucidate process visualization methods.
        Or
    b) List and explain the terms used in contracts.

15. a). Write notes on selection of right person for a job.
        Or
    b) What is software quality? Discuss on its salient features.

## PART – C

16. a) Explain cost-benefit evaluation techniques.

    b) Discuss on any three software development models.

17. a) Discuss on risk identification and analysis.

    b) Explain the pros and cons of various types of contract.

18. a) Explain various motivational techniques in an organization.

    b) Discuss on PRINCE2 standardization of project management.

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