LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

**B.Sc.** DEGREE EXAMINATION – **COMPUTER SCIENCE**

FOURTH SEMESTER – **APRIL 2012**

# CS 4205 - PROJECT METRICS

Date : 19-04-2012 Dept. No. Max. : 100 Marks

Time : 1:00 - 4:00

**SECTION – A**

**Answer all the questions: ( 10 X 2 = 20 )**

1. Define project planning
2. What is scheduling in project development?
3. What are strategic assignments?
4. What are the factors influencing the software cost?
5. Define contact.
6. What are the types of software products?
7. What are the types of resources allocated to a project?
8. What is walkthrough?
9. What do you meant by CMMI?
10. What is risk mitigation plan?

**SECTION – B**

**Answer all the questions ( 5 X 8 = 40 )**

1. a) Explain control flow and information flow in development of a system

(OR)

b) Explain the following documents in software development

i) System Definition ii)Project Plan

12. a) Explain Delphi cost estimation Model

(OR)

b) Explain cash flow forecasting in detail

13. a) Explain the types of software team according to the modes of communication

(OR)

b) Write down the features influences the software quality

14. a) Write down the steps involved in change control procedure.

(OR)

b) Explain the contents of SRS document

15. a) What are the types of risks?

(OR)

b) Explain risk matrix in risk planning and remedial action.

**SECTION – C**

**Answer any TWO questions: ( 2 X 20 = 40 )**

16. a) Explain project control life cycle in detail

b) Explain Expert Judgement and how it differs from COCOMO in Cost estimation

17. a) Explain spiral model and waterfalls model in product engineering.

b) Explain quality management in product and process

18. a) Explain the steps followed in risk identification

b) Explain product standards used in software quality metrics.

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