

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2008 – 09 & thereafter)

SUBJECT CODE : MT/AC/SD34

B. Sc. DEGREE EXAMINATION, NOVEMBER 2011
BRANCH I - MATHEMATICS
THIRD SEMESTER

COURSE : ALLIED – CORE
PAPER : SYSTEM ANALYSIS, DESIGN AND MANAGEMENT
TIME : 3 HOURS **MAX. MARKS : 100**

SECTION – A

ANSWER ALL THE QUESTIONS: (2×10=20)

1. What is system analysis?
2. List the two responsibilities of system analyst.
3. What is requirement analysis?
4. What is a data dictionary?
5. Who are stake holders?
6. Mention any two problem of software projects.
7. What is a risk?
8. What is risk evaluation?
9. What are the tools essential for prototyping?
10. What is v-process model?

SECTION – B

ANSWER ANY FIVE QUESTIONS: (5 X 8 = 40)

11. Discuss about the characteristics of open system.
12. Explain any two fact finding techniques.
13. List the general rules for drawing DFD.
14. Explain management control.
15. Write short notes on spiral model.
16. Explain cost benefit evaluation techniques.
17. What is prototyping? Explain ways categorizing prototypes.

SECTION – C

ANSWER ANY TWO QUESTIONS:

(2 X 20 = 40)

- 18. a) Explain information system in detail. (10)
- b) Discuss about selecting the project development strategy. (10)

- 19. a) Discuss about identification of risk activities. (10)
- b) Explain how do you identify project infrastructure and analyze the project characteristics. (5+5)

- 20. a) Explain water fall model in detail. (12)
- b) How do you select a process model. (8)

