



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION - COMPUTER SC.

FIRST SEMESTER – NOVEMBER 2011

CS 1813 - SOFTWARE ENGINEERING METHODOLOGY

Date : 05-11-2011
Time : 1:00 - 4:00

Dept. No.

Max. : 100 Marks

PART – A

10x2 = 20 marks

Answer all

1. What is information engineering?
2. Mention the two characteristics of risk.
3. What are all the areas of effort for requirement analysis?
4. What is QFD?
5. List out any four design concepts.
6. Define the term: Functional independence.
7. What are all the areas of concern for interface design?
8. What is version control?
9. Mention the benefits of software review..
10. What is debugging?

PART – B

5x8 = 40 marks

Answer all

- 11.a).Write a short note on different types of myths in software engineering.
(or)
b).Explain about the various factors of risk identification.
- 12.a).Explain about various principles of specification
(or)
b).Write a short note on DFD with an example.
- 13.a).List out the design principles of software design.
(or)
b).Write a short note on any five design concepts.
- 14.a)Write short notes on task analysis and modeling.
(or)
b).Explain about the interface guideline standard.
15. a)Write a short note on software quality assurance.
(or)
b).What is reverse engineering? Explain with a neat diagram.

PART- C

2x 20 =40 marks

Answer any Two

16. a) Discuss in detail about prototyping model.

b) Explain in detail about analysis model with neat diagram.

17. a) Explain in detail about Effective modular design.

b). Explain in detail about baseline with neat diagram.

18. a). Briefly explain in detail about basis path testing.

b) “ Quality is very important factor for any successful business ”- justify.
