

Software Project Management (IT-408, Dec-2007)

Note: Section A is compulsory. Attempt any four questions from Section-B and any two from Section-C.

Section-A

1. a) Define software engineering.
- b) What is cyclonic complexity? How to measure it?
- c) What is the purpose of quality assurance plan?
- d) What is software technical review?
- e) What is project scheduling?
- f) Define cost-estimation.
- g) What is internal documentation?
- h) What are the ISO 9000 standards for software?
- i) Explain software configuration management.
- j) What is the function of test and evaluation team?

Section-B

2. What are the objectives of software engineering? Explain.
3. What are the various forms of software products?
4. Write a note on risk management and the need of analysis of quality system.
5. Why there is a need of preparing oral presentation? What type of supporting material is required for this?
6. Discuss the various software engineering problems.

Section-C

7. What are the various controlling activities to support evaluation? Discuss the planned and unplanned events that effect software evaluation.
8. Discuss the various software projects organization and management issues.
9. Categorize the software projects based on size and explain how software engineering projects can be applied to them.