

VIT
Software Engineering

04/12/12

47 : 2nd half.12-AM(h)

Con. 8192-12.

KR-9008

(3 Hours)

[Total Marks : 100

N.B. : (1) Question No. 1 is **compulsory**.

(2) Attempt any **four** questions out of remaining **six** questions.

1. (a) What are the different tasks of Software Configuration Management (SCM) ? 10
Discuss each in brief.
- (b) What do you understand by Quality Assurance ? Explain the Levels of Quality Assurance. 10
2. (a) What is Feasibility Study ? Explain its type, contents and purpose. 10
- (b) What do you understand by metrics ? List and explain Process and Project metrics. 10
3. (a) Compare and contrast coupling and cohesion. 10
- (b) Explain the user interface Design Process. 10
4. (a) Explain the difference between White Box and Black Box testing. 10
- (b) What are the advantages of Object Oriented Software Engineering ? 10
5. (a) Give a Software Requirement Specification (SRS) for developing a Software for Hospital Management System. 10
- (b) Describe Project Scheduling and tracking with any suitable example. 10
6. (a) Explain agile methodology using SCROM. 10
- (b) Explain requirement engineering. 10
7. Write short notes on any **four** of the following :— 20
 - (a) Software Tools for Analysis
 - (b) Re-engineering
 - (c) Architectural Styles
 - (d) Software Project Planning
 - (e) RAD and Spiral Models.