TIME: 2 ½ HOURS   MARKS: 75

N.B: ALL QUESTIONS ARE COMPUSORY
   FIGURES TO THE RIGHT INDICATE FULL MARKS.

Q.1 ANSWER THE FOLLOWING (ANY THREE):   15

   A) Explain the software waterfall model
   B) Describe system requirements
   C) Describe software process and project
   D) Describe prototyping model
   E) Describe RAD model
   F) Describe Agile project manangement

Q.2 ANSWER THE FOLLOWING (ANY THREE):   15

   A) Describe the emergent system
   B) Describe legacy system
   C) Describe reliability management
   D) Describe the safety of a system
   E) Describe the requirement validation
   F) Describe data model

Q.3 WRITE SHORT NOTES ON THE FOLLOWING (ANY THREE):   15

   A) Modular decomposition styles
   B) Control styles
   C) Interface evaluation
   D) Software Project management
   E) Quality control
   F) Measurement and metrics

Q.4 WRITE SHORT NOTES ON THE FOLLOWING (ANY THREE):   15

   A) Software inspections
   B) Test automation
   C) Size oriented metrics
   D) Algorithm cost modeling
   E) Project estimation technique
   F) Project staffing

Q.5 WRITE SHORT NOTES ON THE FOLLOWING (ANY THREE):   15

   A) Process and product measurement
   B) Software development with services
   C) Software reuse landscape
   D) COTS
   E) Client server computing
   F) Architecture of distributed system

XXX