TIME-3HOUR
MARKS-60

NOTE: SECTION A IS COMPULSORY. ATTEMPT ANY FOUR QUESTIONS FROM SECTION B AND TWO FROM SECTION C

SECTION A MARKS 2 EACH

Q1) a) What is a process model?

b) What is White Box testing?

c) What is Risk analysis?

d) What is code documentation?

e) Name the characteristics of a software?

f) Explain what is a DFD?

g) What are fourth generation techniques?

h) What is cyclometric complexity?

i) What are static code analysers?

j) What is the purpose of Rayleigh curve?

SECTION B MARKS 5 EACH

Q2) What is the use of testing phase? Give various types of testings.

Q3) Explain Object analysis & Design tools/techniques used in s/w development.

Q4) What are the various factors associated with cost estimation of a proect? Explain any cost estimation technique.

Q5) Assuming a real time system of your choice,discuss the concepts. Analysis and design factors of the ame,elaborately.

Q6) Does prog languages has an impact on project planning,analysis design,coding,testing and maintainance? Discuss.

SECTION C MARKS 10 EACH

Q7) a) what is Risk analysis? How do you estimate risk analysis?
b) Distinguish between validation and verification.

Q8) What are the project management tols used? List them and explain them,bringing their salient features. Exlian the side effects that are caused due to software maintainance.

Q9) Explai the following:

(a) Use Case Diagrams.
(b) Software metrics.
(c) CASE..