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

a) Describe the principle steps in design phase.

b) List two intangible benefits.

c) What is the trade off that you must manage during estimation?

d) What is the difference between a dependent and independent entity?

e) What is the difference between the logical and physical data flow diagram?

f) What is the difference among two tiered computing?

g) Describe the steps to data storage design.

h) How the test cases are developed for unit test?

i) Contrast the following items: - property: methods: attribute.

SECTION B MARKS 5 EACH

Q2) Compare the major elements and issues of waterfall development and parallel development.

Q3) list two benefits and two operational cost for a system ho would you determine the values that should be assigned to each item.

Q4) explain the difference between unstructured interviews and structured interviews.

Q5) Explain the difference between a syntax error and semantic error which is more difficult to find and fix. Why?

Q6) What do you think are three common mistakes that heart annalist making input and navigation design..

SECTION C MARKS 10 EACH

Q7) (a) What are the five types of coupling using examples?

(b) Describe three design guidelines for a structured chart and describe why it is important.

Q8) (a) Compare and contrast black - box testing and white box testing.

(b) What is the roll of operations group in the system development life cycle (SDLC)?