S.B. Roll No..

SYSTEM ANALYSIS & DESIGN
3rd/COMP/IT/CSc/0621/0062/May'16

Duration: 3 Hrs   **M. Marks=75**

SECTION A

Q1. Do as directed: **1.5x10=15**

a. SDLC stands for _____.
b. Only the design phase of the system life cycle produces documentation **(T/F)**
c. A _____ is a structured storage of data about data.
d. _____ benefits can be easily quantified.
e. Design phase occurs after implementation in SDLC **(T/F).**
f. IRM stands for _____
g. A data in motion is represented by _____.
h. The system analysis and design is backbone of application software development **(T/F).**
i. There are _____ main testing principles.
j. DFD stands for_____.

SECTION B

Q2.Attempt any FIVE questions.   **6x5=30**

a. Define system. What are the elements of a system?
b. How investigation is conducted for an information system?
c. What are the major objectives of system analysis?
d. What do you mean by DFD? What are its parts?
e. Why software should be secure and portable?
f. Difference between black box and white box testing.
g. Explain the functions of Data Base Administrator (DBA).
h. Discuss cost benefit analysis.

SECTION C

Q3. Attempt any THREE questions.   **10x3=30**

a. Explain the various phases of SDLC.
b. What is feasibility study? Explain its various types
c. Explain various fact finding techniques in detail.
d. What are features of DBMS?