S.B. Roll No...

SYSTEM ANALYSIS AND DESIGN
3rd Exam/Comp/IT/CSc/0621/May'18

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

SECTION-A

Q1. Do as directed.   **15x1=15**

a. The primary tool used in structured design is a_____
b. Salaries of employees is an example of_____ cost
c. MIS stands for_____
d. Logical design created from_____
e. Removing bugs in the software comes under_____ phase
f. SDLC stands for_____
g. ROI stands for_____
h. The main purpose of the system investigation phase is to produce the requirement report. T/F
i. Data dictionary lists all data items used in system and specification. T/F
j. A_____ is a structured storage of data about data
k. Coding is not step in system development life cycle. T/F
l. The sampled data selected for testing are called_____
m. A system that is not affected by the environment is called_____
n. White box testing is perform by _____
o. DFD stands for_____

SECTION-B

Q2. Attempt any five questions.   **5x6=30**

i. What is system? Explain various types of system.
ii. What are the stages of preliminary investigation?
iii. Explain the PIECES framework for identifying operational problems.
iv. Explain the difference between functional and non functional requirements.
v. What do you mean by cost benefit analysis?
vi. What are the features of DBMS?
vii. Differentiate between black box testing and white box testing.
viii. Explain various characteristics of system

SECTION-C

Q3. Attempt any three questions.   **3x10=30**

a. Explain various phases of system development life cycle.
b. What do you mean by feasibility study? Explain various types of feasibility studies.
c. What do you mean by Data Flow Diagram? List and Explain rules for drawing logical DFD.
d. What is file design? Explain the steps involved in the file design with example.