Total No. of Questions: 07

B.Sc. (IT) (2015 & Onwards)   (Sem. – 4)
SYSTEM ANALYSIS & DESIGN
M Code: 74085
Subject Code: BSIT-403
Paper ID: [74085]

Time: 3 Hrs.   Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:
1.   SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2.   SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION A

1.   Explain the following:

a)   Open System

b)   Data Dictionary

c)   Gantt Chart

d)   UML

e)   Case Tools

f)   Top Down Design

g)   Prototype

h)   GUI

i)   Boundaries

j)   Logical Design

SECTION B

2. Describe the process of Design. Differentiate between logical and physical design.

3. Why do we test systems? Discuss.

4. What are DFDs? How they are different from structure charts?

5. Describe object oriented analysis in detail.

6. Explain the different phases of SDLC.

7. Differentiate between implementation and maintenance.