S.Y.BCA Examination
April - 2016
System Analysis & Design–202
Subject Code– 8432

Time: 3 Hours   Total Marks: 100

Q.1   Answer the following Questions
(A) Explain business systems concepts in detail.   (10)
(B) Explain analysis development method in detail.   (10)

OR

Q.1   Answer the following Questions
(A) Explain categories of information systems in detail.   (10)
(B) Explain SDLC in detail.   (10)

Q.2   Answer the following Questions
(A) Explain fact finding techniques with example.   (10)
(B) Explain data flow diagrams with example.   (10)

OR

Q.2   Answer the following Questions
(A) Explain decision table with example.   (10)
(B) Explain data dictionary with example.   (10)

Q.3   Answer the following Questions:
(A) Explain types of output in detail.   (10)
(B) What is validation? Explain error checking methods and messages.   (10)

OR

Q.3   Answer the following Questions:
(A) Explain any two output formats with example.   (10)
(B) Explain dialogue design in detail.   (10)

Q.4   Answer the following Questions
(A) What is normalization? Explain normalization with example.   (10)
(C) Explain the terms: span of control, shared modules, entity, attributes   (10)
     and relationship.

OR

Q.4   Answer the following Questions
(A) Explain the coupling and cohesion in detail.   (10)
(B) Explain software design tool in detail.   (10)

Q.5   Answer the following Questions
(A) What is testing? Explain any two level of testing with example.   (10)
(B) Explain one case study of small system according to SDLC.   (10)

OR

Q.5   Answer the following Questions
(A) Explain any two methods of system conversion.   (10)
(B) Explain one case study of library management system with respect to SDLC.   (10)