BCA   2nd SEMESTER   EXAM. , 2015
SYSTEM ANALYSIS AND DESIGN   CODE- 303203

Time: 3 hours   Full Marks: 60

Instructions:

   i.   The Marks are indicated in the right -hand margin.
  ii.   There are **SEVEN** questions in this paper.
 iii.   Attempts **FIVE** question in all.
 iv.   Question Nos. **1** and **2** are compulsory.

1. Define the following terms (any six).   2*6=12

  (a) System   (b) interpersonal Skill   (c) Coupling

  (d) Decision tree   (e) Audit trail   (f) Testing

  (g) Questionnaire   (h) Test design   (i) ER diagram

  (j) Logical design

2. Answer any three of the following: 4*3=12

  (a) Explain the role of the system analyst.

  (b) What do you mean by structured and unstructured interview?

  (c) What do you mean by system requirement specification?

  (d) Explain the role of case tools in system analysis and design.

  (e) Explain the need of data dictionary.

Answer any three of the following: 12*3=36

3. Why are system analysis and design needed? Explain the different types of system.

4. Explain the activities involved in system Development Life Cycle.

5. What is cohesion? Explain the different types of cohesion in detail.

6. Why is system feasibility study essential in system analysis and design? Discuss the various types of feasibility study.

7. What do you mean by form design? What are the different types of form? What are the guidelines that the systems analysts need to follow to design a good form? Explain each of them.

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