2012

Time : 3 hours
Full Marks : 80

Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.
Answer from both the Groups as directed.

Group – A
(Objective Type Questions)

Answer all questions :
1. Choose the correct answer of the following :
   \[ 2 \times 10 = 20 \]
   (a) System test plan is specified :
      (i) When the final specifications are drawn up
      (ii) During feasibility study
      (iii) During the requirements specification stage
      (iv) During System Study Stage

CX – 8/3  
(Turn over)
(b) Which step of SDLC performs cost/benefit analysis?
   (i) Feasibility study
   (ii) Analysis
   (iii) Design
   (iv) None of the above

(c) A test in which modules are tested independently knows as:
   (i) Unit Test
   (ii) Integration Test
   (iii) System Test
   (iv) None of the Above

(d) By meta data we mean:
   (i) Very large data
   (ii) Data about Data
   (iii) Data dictionary
   (iv) None of the above

(e) Decision tree is part of:
   (i) Coding

CX - 8/3  (2)  Contd.
(ii) Analysis
(iii) Design
(iv) None of the above
(f) Design is in which step under SDLC?
   (i) 1st step
   (ii) 2nd step
   (iii) 3rd step
   (iv) None of the above
(g) A process is represented in a DFD by:
   (i) Rectangle
   (ii) Square
   (iii) Bubble
   (iv) None of the above
(h) DFD (Data Flow Diagram) shows:
   (i) Data flow
   (ii) Control flow
   (iii) Information Access
   (iv) None of the above

CX - 8/3 (3) (Turn over)
(i) A File is a collection of similar set of:

   (i) Lines
   (ii) Columns
   (iii) Records
   (iv) None of the above

(i) Who is chief responsible person for a system development?

   (i) Programmer
   (ii) Designer
   (iii) Analyst
   (iv) None of the above

**Group – B**

**(Long-answer Type Questions)**

Answer any four questions: \(15 \times 4 = 60\)

2. Describe MIS and DSS with example.

3. Define the various tools of structured analysis and differentiate between DFD & Flow Chart.
4. Explain the difference between Unit Testing and Program Testing.

5. Describe feasibility study. Explain any one in detail.

6. Describe SDLC and any one phase of SDLC in detail.

7. Describe the role of systems analyst in system development.

8. Describe the characteristics of a good systems analyst.


10. Write short notes on the following:
    (a) Data Dictionary
    (b) Quality Assurance
    (c) Decision Table

CX – 8/3 (800) (5) BCA(II) / 10 / 12