 VKV(IV) — BCA (5)

2015

Time : 3 hours

Full Marks : 100

Pass Marks : 40

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

*Answer any **five** questions.*

1. What is Software Life Cycle Model ? Explain any one software development model in detail.

2. Explain software requirement analysis. Differentiate between Requirement Analysis and Requirement Specification.

3. What is Software Inspection ?

4. Define software design. What are the differences you feel between Logical Design and Physical Design ?

(10)

5. What is SRS document ? How it is essential for software design ?

6. What are the tools used for logical software design ? Design document is generated and used in which phase(s) of SDLC.

7. Write short notes on the following :

   (a) Data Design

   (b) User Interface Design

8. What is user interface ? List any five features of good interface design.

9. Write short notes on the following :

   (a) Incremental Model

   (b) Prototype Model

10. What are the Fact Finding Techniques ? How it is essential for System Requirement Analysis ?

2017

Time : 3 hours

Full Marks : 100

Pass Marks : 40

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

*Answer any **five** questions.*

1. Explain phases of waterfall model in detail.

2. Explain fact finding methods for software requirement gathering.

3. Explain system analysis with example.

4. Define software design. What are the differences you feel betweeen Logical Design and Physical Design ?

5. What is SRS document ? How it is essential for software design ?

6. What are the tools used for Logical software design ? Design document is generated and used in which phase(s) of SDLC.

7. Write short notes on the following :
   (a) Data Design
   (b) I/O Design

8. What is user interface ? List any five features of good interface design.

9. Write short notes on the following :
   (a) Incremental Model
   (b) Prototype Model

10. Explain Modifiability and Traceability for software specification.