BCA-08

December - Examination 2018

BCA Pt. II Examination

Software Engineering

Paper - BCA-08

Time : 3 Hours]   **[Max. Marks :- 100**

Note: The question paper is divided into three sections A, B and C. Write answers as per given instructions.

Section - A $10 \times 2 = 20$

(Very Short Answer Questions)

Note: Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

1) (i)   What is software risk?

    (ii)   What are uses of SDLC models?

    (iii) Who is software project manager?

    (iv)   What is project estimation?

    (v)   What are software requirements?

    (vi)   What is feasibility study?

    (vii) What is level-0 DFD?

    (viii) What is white box testing?

(ix) What is software reengineering?

(x) What are CASE tools?

Section - B   4 × 10 = 40
(Short Answer Questions)

Note: Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 10 marks.

2) Why software testing is needed? Explain.

3) What is system documentation? Explain.

4) Briefly explain Data Dictionary.

5) Explain in detail Waterfall Model.

6) Write short note on Procedural Design.

7) List different elements of Analysis Model.

8) Enumerate the characteristics of software.

9) What are the Software Process Evolutionary Models?

Section - C $2 \times 20 = 40$

(Long Answer Questions)

Note: Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 20 marks.

10) Write short note on:

   (i)   Project Planning.

   (ii)   Data Modelling

   (iii) Structured Analysis

   (iv)   Requirement Analysis.

11) Discuss about Maintenance cost and Maintainability measurements.

12) Explain any five software testing principles.

13) What do you mean by uses of specification qualities in software engineering.

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