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Roll No. :

BCA-15
Software Engineering
Bachelor of Computer Application (BCA-11/16/17)

5th Semester Examination June 2022

Time : 2 Hours

Max. Marks : 80

Note : This Paper is of Eighty (80) marks divided into two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given there in.

Section-A

(Long Answer-type questions)

Note: Section 'A' contains Five (05) Long-answer type questions of Twenty (20) marks each. Learners are required to answer any two (02) questions only.

(2 x 20 = 40)

Q.1. Describe software development life cycle in detail.

P.T.O.

- Q.2 Describe Waterfall Model in detail.
- Q.3 List and explain role of testing strategies during the testing phase.
- Q.4 Describe the concept of performance testing in detail.
- Q.5 Describe various software analysis and design tools in detail.

Section-B

(Short Answer-type questions)

Note: Section 'B' contains Eight (08) Short-answer type questions of ten (10) marks each. Learners are required to answer any four (04) questions.

(4 x 10 = 40)

P.T.O.

- Q.1 Can you differentiate computer software and computer program?
- Q.2 What is the need for software engineering?
- Q.3 What is software process or Software Development Life Cycle (SDLC)?
- Q.4 What is data dictionary?
- Q.5 Explain the role of SRS.
- Q.6 What is the significance of DFD?
- Q.7 Differentiate between economic and technical feasibility.
- Q.8 What are the qualities of good software design?

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