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Roll No.

BCA-IV Sem.

18018

B. C. A. Examination, May 2016

Software Engineering

(BCA-403)

(New)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt questions from all Sections as per instructions.

Section-A

(Very Short Answer Questions)

Attempt all the *five* questions. Each question carries 3 marks. Very short answer is required not exceeding 75 words. $3 \times 5 = 15$

1. Define Software Engineering.

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2. What is Software Implementation ?
3. What is Software Maintenance ?
4. Explain design process.
5. Write about software change strategics.

Section-B

(Short Answer Questions)

Attempt any *two* questions out of the following three questions. Each question carries $7\frac{1}{2}$ marks. Short answer is required not exceeding 200 words. $7\frac{1}{2} \times 2 = 15$

6. What do you mean by configuration management ?
7. Explain the various software engineering activities.
8. Define perceptive software maintenance.

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Section-C

(Detailed Answer Questions)

Attempt any *three* questions out of the following five questions. Each question carries 15 marks. Answer is required in detail. $15 \times 3 = 45$

9. Describe the procedural design technique in software design methodology.
10. Explain the various techniques for the software maintenance.
11. Explain the requirement engineering activities in detail.
12. Give the fundamental design applications related to software engineering.
13. Write some design principles for maintainability.