

(20518) .
BCA-IV Sem.

Roll No.

18018

B. C. A. Examination, May 2018

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)

Answer all the *five* questions. Each question carries 3 marks. Very short answer is required. $3 \times 5 = 15$

1. Define Software Engineering.

2. What are the various types of software maintenance ?
3. What is software process of software development life cycle (SDLC) ?
4. How do software products age ?
5. What is software requirement specification ?

Section-B

(Short Answer Questions)

Answer any *two* questions out of the following three questions. Each question carries $7\frac{1}{2}$ marks. Short answer is required. $7\frac{1}{2} \times 2 = 15$

6. What are the components of gathering the requirements ?
7. Discuss the importance of Agile Process.
8. Discuss the components of object-oriented design.

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Section-C

(Detailed Answer Questions)

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

9. Explain software process.
10. Explain the factors considering while deciding the maintenance cost.
11. What is software re-engineering ? Explain its process.
12. What are the CASE tools and their usage in software engineering ? Discuss.
13. Discuss the maintenance activities in detail.