N   (Printed Pages 3)

(20517)   Roll No. ....

BCA - IV Sem.

18018

B.C.A. Examination, May 2017

Software Engineering

(BCA-403)

(New)

Time : Three Hours]   *[Maximum Marks : 75*

Note : Attempt questions from all sections as per instructions.

Section-A

Note : Attempt all five questions.   3×5=15

1. Define Software Engineering.

2. How can we derive the size of software product?

P.T.O.

3. What Is SRS?

4. What are various types of software Maintenance?

5. What is software Metric?

Section-B

Note : Attempt any two questions. 7½×2=15

6. Explain the Importance of configuration management in software engineering.

7. What is software Re-engineering and why it is required?

8. What are the various elements of data design?

Section-C

Note : Attempt any three questions. 3×15=45

9. Explain interative waterfall and spiral model for software life cycle and various activities in each phase.

1801812

10. Draw and explain the framework for sequential maintenance process activities.

11. How good design helps in efficient implementation?

12. Explain the various building blocks for CASE.

13. Explain the type of Maintenance in details.