Section-C

Note: Attempt any one question. Each question carries 13 marks. (13x1=13)

16. (a) What are different components of S.R.S. Documents?

(b) Explain how Data dictionaries may be used to supplement design information in data-flow diagram and structure chart?

(c) How does CASE support in the software lifecycle? Explain.

17. (a) What are various software configuration management tools?

(b) What are various types of CASE tools? Outline the specific purposes of each.

Roll No.....

BCA-403(N)

B.C.A. (Semester-IV) Examination-2014

(New Course)

Paper: Third

Software Engineering

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

Note: Section A is compulsory. Attempt any seven questions from Section B and attempt any one question from Section C.

Section-A

Note: All questions are compulsory. Each question carries equal marks. (4x5=20)

1. What is meant by Program robustness? Justify.

2. What do you mean by 'Inverse requirements' state their relevance?

3. What are four important attributes that all software products should have?

4. What are the main reasons of higher S/W maintenance cost?

5. What is waterfall life cycle model? Explain its working.

Section-B

Note: Attempt any seven questions. Each question carries 6 marks. (6x7=42)

6. What are different software design methods?

7. What are various metrics for S.C.M.(Software Configuration Management)? Illustrate their usefulness?

8. What are benefits using CASE tools?

9. What is meant by verification? Explain its usefulness.

10. What are the ways to improve Readiability? Explain.

11. What are the various object oriented design methods?

12. Outline the major goal of Software engineering.

13. If the module has logical cohesion, what kind of coupling is this module likely to have with others?

14. What is the difference between flow chart and a structure chart?

15. What are the non-functional requirements?