3. Describe Black-Box and White-Box testing in detail.

4. Describe the concept of stress testing and storage testing.

5. Describe various types of coupling and cohesion.

Section - B

(Short-Answer-Type Questions)

Note - Section 'B' contains Eight (08) short-answer-type questions of Seven (07) marks each. Learners are required to answer any Five (05) questions only.

$(5 \times 7 = 35)$

1. What is software engineering ?

2. What are various phases of SDLC ?

3. What do you mean by requirement engineering ?

4. What is the role of system analyst ?

5. What are software requirements ?

6. What is feasibility study ?

7. Explain the role of E-R diagram in software development.

8. What do you mean by cohesion ?

Total No. of Printed Pages : 4 Roll No.....

BCA - 15

Software Engineering

Bachelor of Computer Application

(BCA - 11/16/17)

Fifth Semester, Examination - 2019

Time : 3 Hours **Max. Marks : 80**

Note - This Paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the Questions contained in these sections according to the detailed instructions given therein.

Section - A

(Long-Answer-Type Questions)

Note - Section 'A' contains Five (05) long-answer-type questions of Fifteen (15) marks each. Learners are required to answer any Three (03) questions only.

$(3 \times 15 = 45)$

1. Describe various characteristics of a good software.

2. Describe spiral model in detail.