

UG-731

BCA-11

**B.C.A. DEGREE EXAMINATION –
JUNE, 2018.**

**INTRODUCTION TO SOFTWARE
ENGINEERING**

Time : 3 hours

Maximum marks : 75

PART A — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

1. Write the characteristics of software. Compare it with hardware.
2. What are the factors that should be considered when planning the structure of software engineering?
3. Write in detail about COCOMO model.
4. Explain with neat sketch about a simple design for Railway Ticketing System.
5. Explain the object oriented analysis techniques.

6. List out the qualities of software product.
7. Explain software equation.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain in detail about Life cycle phase.
 9. Explain problem based estimation.
 10. Explain in detail about typical management risks in software engineering.
 11. List the CASE tools and explain.
 12. Explain the important steps to be carried out when implementing a methodology.
 13. Explain object-behaviour model.
 14. Explain the categories of CASE tools.
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