Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 01

Total No. of Questions : 08

BCA/DEP   (Sem.–4)
SOFTWARE ENGINEERING
Subject Code : BSBC-401
M.Code : 10066
Date of Examination : 25-06-21

Time : 2 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1.   Attempt any FIVE question(s), each question carries 12 marks.

1. Describe Spiral model of the software process. Explain how both the Waterfall model and the Prototyping model can be accommodated in the Spiral process model?

2. What is COCOMO? Explain how this model is used for cost estimation?

3. What is the purpose of requirement analysis? Give the steps for gathering information. Name any two tools used in software engineering.

4. What is top-down approach of software design? Explain the data design Methodology. Write the role of Architecture design.

5. Give the introduction of test case design. Discuss White Box and Black Box Testing. When unit testing is used?

6. What is Software Reverse Engineering? How it is used in software development?

7. Define Test Case Design. Discuss the various test case design techniques; also classify various strategies of Testing.

8. Discuss Computer Aided Software Engineering. How it is used in software development? Write a short note on S/W sizing.