Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 50429

B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2023

Fourth/Fifth Semester

Computer Science and Engineering

CS 8494 – SOFTWARE ENGINEERING

(Common to Computer and Communication Engineering / Computer Science and Business Systems / Information Technology)

(Regulations 2017)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List out key challenges in software engineering.

2. Define legacy software.

3. Differentiate between functional and non-functional requirements.

4. Differentiate evolutionary and incremental prototype.

5. How inheritance is referred in class based modeling?

6. What is abstraction?

7. Distinguish between white box and black box testing.

8. Depict the reverse engineering process.

9. How the Budgeted Cost of Work Scheduled (BCWS) is determined for each work task in the schedule?

10. Write any two differences between "known risks" and "predictable risks".