UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 4th Semester Examination, 2021

CC9-COMPUTER SCIENCE (42)

SOFTWARE ENGINEERING

Full Marks: 40

ASSIGNMENT

The figures in the margin indicate full marks.
All symbols are of usual significance.

Answer any *two* questions from the following 20×2 = 40

1. (a) What are the criteria of deciding which is the best SDLC model to choose? 10

   (b) What are the steps taken for avoiding, monitoring and managing risk? 10

2. (a) Discuss the difference between process framework and umbrella activities. 10

   (b) Distinguish between Software Quality Assurance (SQA) and Software Quality Control (SQC). 10

3. (a) What is SRS? What is the need of SRS? Discuss Characteristics and Components of SRS. 10

   (b) What are the various project estimation techniques in software engineering? 10

4. (a) How SEI CMMI helps to improve software development process? 10

   (b) What do you mean by project scheduling? How PERT charts are used to plan the scheduling of project? 10

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