

Roll No. 1220258082

BCA DS First Sessional Tests 2023-24

Third Semester

BCADS1303: Software Engineering

Time: 1 Hours

Max. Marks: 30

(Section A)

Q.1: Attempt all Questions:

(1*5=5)

- What do you mean by system?
- What are the different characteristics of a system?
- Explain the different components of software engineering
- Write down various software characteristics.
- What are the limitations of Waterfall model?

(Section B)

Q2. Attempt any TWO:

(7.5*2=15)

- Explain the different types of systems in System Analysis Design.
- Explain spiral model and discuss its advantages and disadvantages in software engineering.
- Differentiate between water-fall model and prototype model in detail with their relative merits and demerits.
- What is a feasibility study and discuss its types also?

(Section C)

Q3. Attempt any ONE:

(10*1=10)

- Elaborate all the phases of system development life cycle
- Explain spiral model and discuss its advantages and disadvantages in software engineering.
- Discuss the scope and necessity of software engineering in detail.