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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)

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

(Section B)

Q2. Attempt any TWO: (7.5*2=15)

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

(Section C)

Q3. Attempt any ONE: (10*1=10)

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