

22 FEB 2022

SEAT NO: _____

BCA- SEMESTER - 5 EXAMINATIONS
BCA-CC-503-Software Engineering
(SUBJECT CODE- 21548)

Marks- _____

Duration: 02:00-Hrs

Q-1-A What is Software Engineering? Explain Waterfall Model and Spiral model with its advantages and disadvantages.

OR

Q-1-A-1 Define term : Software Requirements. Write short note on SRS with role of it.

Q-1-A-2 Write a detail short note on Software Process & It's Characteristics.

Q-2-A What is Software Quality Assurance? Explain the concept of Verification, Validation, Inspection & Review process for software quality.

OR

Q-2-A-1 Explain Coupling & Cohesion with its types in details.

Q-2-A-2 Define term : Risk Management . Explain various types of it.

Q-3-A What is Testing ? Explain various level of Testing process in details.

OR

Q-3-A-1 Explain the concept of errors, fault & failure with minor difference among them.

Q-3-A-2 List out various programming practices in details.

Q-4-A Write detail short note on Class diagram with the concept of Associations, Multiplicity, Qualified Association along with suitable example.

OR

Q-4-A-1 Write short note on Use Case diagram with example of Library Management System.

Q-4-A-2 Write short note on Activity diagram with example of Online Ticket Booking System.

નોંધ :

- પ્રશ્નપત્રનો સમય ૨.૦૦ (બે) કલાકનો રહેશે.
- પ્રશ્નપત્રમાં ૪ પ્રશ્નોના જવાબ આપવાનો રહેશે.
- દરેક પ્રશ્નના ગુણ એકસરખા (૧૪ માર્ક્સ) રહેશે. પ્રશ્નપત્ર કુલ ૫૬ માર્ક્સ નું રહેશે.