

**Goa Vidyaprasarak Mandal's  
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND  
ECONOMICS, PONDA - GOA  
B.C.A.(SEMESTER - IV) SUPPLEMENTARY EXAMINATION,  
MAY/JUNE 2019  
SOFTWARE ENGINEERING**

**Duration: 2 hrs**

**Marks: 50**

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**Instructions:** a) *All the questions are compulsory.*  
b) *Draw diagram with pencil wherever necessary.*

**Q1.A) State True or False for the following statements. (5\*1=5)**

- a. If a software production gets behind schedule, one can add more programmers and catch up. a) True b) False
- b. The only deliverable work product for a successful project is the working programme a) True b) False
- c. A general statement of objectives is the major cause of failed software efforts. a) True b) False
- d. In agile development it is more important to build software that meets the customers' needs today than worry about features that might be needed in the future. a) True b) False
- e. Process adopted for one project is same as the process adopted from another project. a) True b) False

**Q1.B) Answer the Following: (5\*1=5)**

- a. Define Software Quality.
- b. Why waterfall model never complete?
- c. Define Software.
- d. Define Scrum.
- e. Define Sprint.

**Q2) Answer the Following: (10)**

- a. Define Fact-finding technique. 2
- b. Explain Feasibility Study. 3
- c. Draw a neat class diagram for Online shopping. 5

**Q3) Answer the Following: (10)**

- a. Explain Deployment Diagram . 2
- b. Explain Spiral Model. 3
- c. Draw a neat activity Diagram for College Admission. 5

**Q4) Answer the Following : (10)**

- a. Explain Component Diagram. 2
- b. Explain Requirement Engineering Process. 3
- c. Draw a neat Usecase diagram for Movie Booking System. 5

**Q5) Answer the Following: (10)**

- a. Explain Statechart Diagram. 2
- b. Explain Project Scheduling. 3
- c. Draw a neat Sequence Diagram for ATM. 5

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