

Code No. 11255

FACULTY OF INFORMATICS
M.C.A. V-Semester (CBCS)(Main & Backlog) Examination, February 2021

Subject : Object Oriented System Development

Time : 2. Hours

Max. Marks: 70

(4x17½=70 Marks)

Answer any four questions.

- 1 (a) What are relationships? Explain them by taking example to each.
(b) Draw the class diagram for a library information system.
- 2 (a) Explain about packages and interfaces with examples.
(b) Discuss the following:
(i) Components
(ii) Object Diagrams
- 3 (a) Define use case. Explain about ATM process with use case diagrams.
(b) Describe about Activity diagrams.
- 4 (a) Discuss about Events and signals.
(b) Explain about state chart diagrams.
- 5 (a) Discuss about patterns and frame works.
(b) What are Artifacts? Explain.
- 6 (a) Write the importance of deployment diagrams.
(b) Describe about systems and models.
- 7 (a) What are Four P's? Explain them.
(b) Describe about a use case Driven process.
- 8 (a) Explain about incremental process.
(b) Discuss about prototype and iterative processes.
- 9 (a) Explain about Requirement capture.
(b) Write the importance of Testing.
- 10 Write short note on
(a) Implementation
(b) Analysis

Code No. 11255 FACULTY OF INFORMATICS M.C.P. V-Semester (CBCS)(Main & Backlog) Examination, February 2021

Subject: Object Oriented System Development

Max. Marks: 70

Time : 2 Hours

(4x172=70 Marks)

Answer any four questions.

1

(a) What are relationships? Explain them by taking example to each. (b) Draw the class diagram for a library information system.

2

(a) Explain about packages and interfaces with examples. (b) Discuss the following:

(i) Components

(ii) Object Diagrams (a) Define use case. Explain about ATM process with use case diagram. Explain about ATM process with use case diagrams, (b) Describe about Activity diagrams.

3

4

(a) Discuss about Events and signals. (b) Explain about state chart diagrams.

5

(a) Discuss about patterns and frame works. (b) What are Artifacts? Explain.

6. (a) Write the importance of deployment diagrams.

(b) Describe about systems and models.

7

(a) What are Four P's? Explain them. (b) Describe about a use case. Driven process.

8

(a) Explain about incremental process. (b) Discuss about prototype and iterative processes.

9/ (a) Explain about Requirement capture..

(b) Write the importance of Testing.

10 Write short note on

(a) Implementation (b) Analysis