THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

Re-accredited (2nd Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale

Backlog Arrear Examination, March 2021

Course: MCA 5423   **Time: 3 Hrs**

Title   : OOAD & UML   **Max   : 75 marks**

Answer any FIVE questions: **5 X 15 = 75**

1. Explain the categories of Information systems.

2. Explain the Role of System Analyst and explain about the Tools used for Systems Development.

3. Discuss in detail the SDLC with the necessary diagram.

4. Explain in detail the Fact Finding Techniques used in System Analysis to determine requirements.

5. Explain the standard notations used in DFD with a suitable example.

6. Comment on Object Oriented Analysis.

7. Discuss in detail the Unified Modelling Language.

Scheme of valuation.

The American College, Madurai

End of Semester Examinations

Course: MCA 5423/5407   **Time: 2 Hrs**

Title   : OOAD & UML   **Max   : 75 marks**

Answer any FIVE questions: **15 X 5 = 75**

1. Explanation of the categories of Information systems (TPS + MIS + DSS: 5 marks + 5 marks + 5 marks).

2. Explanation of the Role of System Analyst (5 marks) and explain about the Tools (10 marks)used for Systems Development.

3. Discussion (10 marks) on the SDLC with the necessary diagram (5 marks).

4. Explanation of the Fact Finding Techniques used in System Analysis to determine requirements (15 marks : Questionnaire, Interviews, Observation and Record verification).

5. Explaining the standard notations (5 marks) used in DFD (10 marks) with a suitable example.

6. Comment on Object Oriented Analysis (15 marks).

7. Discussion on the Unified Modelling Language (15 marks).

(Dr.J. Frank Ruban Jebaraj)