

Hall Ticket No:

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Question Paper Code: 16MCA209-M1

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
(UGC-AUTONOMOUS)

MCA II Year I Semester (R16) Supplementary End Semester Examinations – Jan 2019
(Regulations: R16)

OBJECT ORIENTED ANALYSIS AND DESIGN (MOOC)

Time: 3Hrs

Max Marks: 50

Attempt all the questions. All parts of the question must be answered in one place only.

In Q.no 1 to 5 answer either Part A or Part B only

- Q.1(A) i) What are the challenges in Software Engineering? 5+5M
ii) Discuss the complexity of the software
- OR**
- Q.1(B) Define Object? Write the importance of Object oriented analysis and design 10M
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- Q.2(A) i) Why modelling is required? Compare the static and dynamic models 5+5M
ii) Discuss about different language paradigms
- OR**
- Q.2(B) Explain clearly the elements of Object Model 10M
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- Q.3(A) i) What is SRS document? Write a step by step process for SRS document. 5+5M
ii) Discuss about the state and behavior of objects
- OR**
- Q.3(B) i) Write a short note on object responsibilities 5+5M
ii) How to build a quality classes and objects
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- Q.4(A) Explain about the following 5+5M
i) Elements Use case Diagram
ii) Elements of Class diagram
- OR**
- Q.4(B) With an example draw and Explain Sequence Diagram 10M
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- Q.5(A) Discuss the activity diagram and draw the activity diagram for Assignment Ma 10M
System for any organization
- OR**
- Q.5(B) Discuss about the following diagrams 5+5M
i) Interaction Diagram
ii) State Machine Diagram

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