

**MCA (Revised)**  
**Term-End Practical Examination**  
**December, 2008**

01383

**MCSL-036 : LABORATORY COURSE (FOR OOAD,  
 SOFTWARE ENGINEERING AND ACCOUNTANCY AND  
 FINANCIAL MANAGEMENT)**

Time allowed : 3 hours

Maximum Marks : 100

**Note :** *There are three sections in this paper. Each section is for one hour, including the viva-voce. Attempt only that part(s) in which you are not successful as yet. Answer all the questions in each section. Section A and Section B carry 25 marks for the problem, and viva-voce is for 5 marks, respectively. Section C carries 30 marks for the problem, and viva-voce for 10 marks. Assumptions can be made wherever necessary.*

**SECTION A : Object Oriented Analysis and Design**

1. ABC University wants to develop on-line computerized system for conducting term end theory and practical examination and generate different kinds of reports.

Students are required to fill up on-line examination forms for all the theory and practical courses by 30th April and 30th October for June and December TEE respectively. The candidate is also required to send a demand draft of the required amount to the university. The DD No. should be also mentioned in the examination form. If the form is submitted after the expiry date, the candidate will have to pay extra amount. After the verification of the form (correct enrollment no, valid registration etc.), hall tickets are sent to the candidates. The hall ticket is also available on-line. The system also prints weekly status reports of number of hall tickets sent, number of forms received, number of forms rejected etc.)

*Perform the following tasks :*

- |   |    |
|---|----|
| (i) Draw the use cases and object diagram.        | 15 |
| (ii) Draw the sequence and collaboration diagram. | 10 |

### SECTION C : Accountancy and Financial Management

1. Post the following transactions of a book shop to prepare the journal, ledger and trial balance. 30

August 2008	Transactions	Rs.
5	Started the business with cash	4,00,000
10	Deposited in the bank	2,00,000
15	Furnitures purchased	1,50,000
20	Purchased books for cash	1,00,000
25	Sold books for cash	50,000
26	Sold books on credit	25,000
27	Paid rent	30,000
28	Paid salary	25,000
29	Paid to suppliers	60,000

- o O o -