

No. of Printed Pages : 2 **MCSL-222(Set-II)**

**MASTER OF COMPUTER  
APPLICATIONS  
(MCA)**

**Term-End Practical Examination**

**June, 2025**

**MCSL-222(Set-II) : OOAD AND WEB  
TECHNOLOGIES LAB**

*Time : 2 Hours*

*Maximum Marks : 50*

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*Note : (i) There are two Sections in this paper.*  
*(ii) Each Section is of 1 hour duration.*  
*(iii) Attempt only that Section(s) in which*  
*you are not yet successful.*

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**Section—A**

**(OOAD)**

*Note : Answer the following question. It carries  
20 marks and the viva-voce is of 5 marks.*

[ 2 ]

1. Draw Deployment Diagram for Learning Management System (Online). Make necessary assumptions. 20

## **Section—B**

### **(Web Technologies)**

***Note :*** Answer the following question. It carries 20 marks and the viva-voce is of 5 marks.

2. Write simple program for Role-Based Authentication using Spring Boot. 20

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