

No. of Printed Pages : 2 **MCSL-229(P)Set-IV**

**MASTER OF COMPUTER  
APPLICATIONS (MCA-NEW)  
Term-End Practical Examination  
June, 2025**

**MCSL-229(P)Set-IV : CLOUD AND DATA  
SCIENCE LAB**

*Time : 2 Hours*

*Maximum Marks : 50*

---

**Note :** (i) *There are two Sections in this paper.  
Each Section is of 1 hour duration.*

(ii) *Each Section has one compulsory  
question of 20 marks. Each Section  
has 5 marks for viva-voce.*

(iii) *Attempt only those Section(s) in  
which you are not successful as yet.*

---

---

**Section—A : Cloud Computing Lab**

1. (a) Design a Google form for feedback collection after a Webinar. Include questions using different types like

[ 2 ]

short answer, multiple choice, checkboxes and linear scale. Share it and collect responses. 10

- (b) Describe the concept of SaaS (Software as a Service). Give examples and mention advantages over traditional software models. 10

### **Section—B : Data Science Lab**

2. Daily sales (in units) for a store in 10 days are recorded as :

150, 160, 145, 170, 155, 165, 158, 172, 169, 160

Write R program to perform the following tasks :

- (a) Plot a histogram of daily sales. 4  
(b) Compute and interpret the mode. 8  
(c) Test whether the data is normally distributed using appropriate method in R. 8

x x x x x