

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

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

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