

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

**MASTER OF COMPUTER
APPLICATIONS (MCA-NEW)
Term-End Practical Examination
December, 2024
MCSL-229(Set-II) : CLOUD COMPUTING AND
DATA SCIENCE LAB**

Time : 2 Hours

Maximum Marks : 50

Note : (i) *There are two Sections in this paper.*

(ii) *Each Section is of one-hour duration.*

(iii) *Each Section has one compulsory question of 20 marks.*

(iv) *Each Section has 5 marks for viva-voce.*

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

**Section—A
(Cloud Computing Lab)**

1. (a) Create a spreadsheet using Google sheets for your monthly expenses with categories like Rent, Food, Transport and Miscellaneous. Use formulas to calculate total monthly expenses. 10

- (b) Explain the process of setting up and using AWS Elastic Computer Cloud (EC₂) instances. 10

Section—B
(Data Science Lab)

2. The following data shows height (in cm) and weight (in kg) of 10 individuals. Use linear regression in R to predict the weight of a person whose height is 170 cm : 20

Height (cm)	Weight (kg)
160	60
155	58
170	75
165	70
180	85
175	80
168	72
172	78
162	65
178	82

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