

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

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

**MCSL-229(P)Set-III : 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) Create a presentation using Google slides explaining the architecture of

cloud computing. Include at least *five* slides with text, images and transitions.

10

- (b) What is Amazon Web Services (AWS) ?
List at least *five* major services offered and briefly describe their use. 10

Section—B : Data Science Lab

2. A sample of daily temperature (in °C) recorded over 10 days is as follows :

30, 32, 28, 31, 33, 29, 34, 35, 30, 32

Write R program to perform the following tasks :

- (a) Plot the line graph for daily temperatures. 4
- (b) Calculate the moving average of the last 5 days. 8
- (c) Identify days with temperature above the overall average. 8

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