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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