UTTARANCHAL UNIVERSITY, DEHRADUN
UTTARANCHAL SCHOOL OF COMPUTING SCIENCES
MID TERM EXAMINATION
ODD SEMESTER 2025-26
BCA | 5th Semester
CLOUD COMPUTING | BCA-502(DE2)

Time: **1:15 Hour**   Max. Marks: **30**

Note: All questions are compulsory.

Q.1- Answer the following questions.   **(1 x 6 = 6 Marks)**
   Multiple Choice Questions
   a) Who is the father of cloud computing? (CO-1, BL-1)
      a) Sharon B. Codd   b) Edgar Frank Codd
      c) J.C.R. Licklider   d) Charles Bachman
   b) Which of the following are the features of cloud computing? (CO-1, BL-2)
      a) Security   b) Availability
      c) Large Network Access   d) All of the mentioned
   c) Which of the following is the application of cloud computing?(CO-2, BL-3)
      a) Adobe   b) Paypal
      c) Google G Suite   d) All of the above

   State True/ False
   d) Cloud computing is environment friendly.   (CO-1, BL-1)
   e) Cloud computing solutions are most portable. (CO-2, BL-3)
   f) Cloud and virtualization are different terms that refers to the same thing. (CO-2, BL-3)

Q.2-Write short note on any two (up to 70 words)   **(2 x 3 = 6 Marks)**
a) What is distributed cloud? (CO-1, BL-2)
b) Define Cloud Computing. What are its key characteristics? (CO-1, BL-3)
c) What is Google app Engine? (CO-3, BL-1)

Q.3-Attempt any one of the following　　　　　　　**(1 x 6 = 6 Marks)**

a) Describe the different cloud service model? Write some popular cloud computing services? (CO-1, BL-4)

OR

b) What is the difference between web applications and cloud applications? (CO-2, BL-3)

Q.4- Attempt any one of the following.　　　**(1 x 6 = 6 Marks)**

a) Write short notes on any two cloud platforms: AWS, Google Cloud, and Microsoft Azure. (CO-3, BL-4)

OR

b) What are the main different between Public, Private and hybrid clouds? (CO-1, BL-3)

Q.5- Attempt any one of the following.　　　**(1 x 6 = 6 Marks)**

a) What is cloud computing architecture? Explain its importance with diagram (CO-2, BL-4)

OR

b) What is Virtualization in cloud computing? What are the different types of Virtualization in cloud computing? Explain them. (CO-2, BL-3)

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