



Mid Term (Odd) Semester Examination October 2024

Roll no...2292116...

Name of the Course and semester: BCA 5th Semester

Name of the Paper: Fundamentals of Cloud Computing

Paper Code: TBC 505(2)

Time: 1.5 hour

Maximum Marks: 50

Note:

- (i) Answer all the questions by choosing any one of the sub questions
- (ii) Each question carries 10 marks.

Q1.

(10 Marks)

- a. Explain the history of cloud computing from 1999 to 2024 including some examples used in Industry and Education Sector. [CO1]
OR
- b. How Cloud Computing is useful in Industry and Education Sector. Explain with 5 Examples. [CO1]

Q2.

(10 Marks)

- a. Demonstrate five Essential characteristic of cloud computing with examples. [CO1]
OR
- b. How Netflix, Airbnb, Capital One and General Electric can be related with Cloud Computing. [CO1]

Q3.

(10 Marks)

- a. Discuss the deployment models of Cloud Computing with examples. [CO1]
OR
- b. How Community Cloud could be used in Graphic Era University? Justify your answer in 500 Words. [CO2]

Q4.

(10 Marks)

- a. Differentiate between IAAS and PAAS with examples. [CO2]
OR
- b. How IAAS and PAAS could be used in Graphic Era University? Justify your answer in 500 Words. [CO2]

Q5.

(10 Marks)

- a. How Cloud Infrastructure could be used in in Industry and Education Sector? Justify your answer in 500 Words. [CO2]
OR
- b. Demonstrate the NIST Cloud Architecture. Also explain the Role of Cloud Auditor and Cloud carrier in details. [CO2]