

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Regular Winter Examination-2023

Course: B. Tech. Branch : Computer Science & Engineering/Computer Engg

Semester :VII

Subject Code & Name: BTCOC702 Cloud Computing

Max Marks: 60

Date:04-01-24

Duration: 3 Hr.

Instructions to the Students:

1. All the questions are compulsory.
2. The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in () in front of the question.
3. Use of non-programmable scientific calculators is allowed.
4. Assume suitable data wherever necessary and mention it clearly.

(Level/CO) Marks

Q. 1 Solve Any Two of the following.		12
A) Explain types of scaling in cloud computing .Sate benefits and limitations of cloud computing.	CO1	6
B) What is Virtualization? Explain types of virtualization.	CO2	6
C) Explain the challenges and benefits of cloud computing	CO2	6
Q.2 Solve Any Two of the following.		12
A) Explain open challenges for implementing cloud computing technology.	CO2	6
B) What cloud providers does for Iaas? Explain scope of between provider and consumer.	CO2	6
C) Explain transactional integrity through stored procedure.	CO3	6
Q. 3 Solve Any Two of the following.		12
A) What is DBaaS? Explain DBaaS benefits.	CO3	6
B) Explain the concept of capacity planning in the context of cloud scaling.	CO3	6
C) Explain disaster recovery planning with risks and benefits.	CO4	6
Q.4 Solve Any Two of the following.		12
A) Describe and classify services installed in the Aneka container.	CO3	6
B) Explain resource reservation service in Aneka.	CO4	6
C) Explain logical organization of Aneka cloud.	CO5	6
Q. 5 Solve Any Two of the following.		12
A) How cloud computing can be applied to support E-health and Telemedicine.	CO5	6
B) Explain Amazon EC2 and its basic features & related services.	CO4	6
C) What are Dropbox and iCloud ?Which types of problem do they solved by using cloud technologies.	CO5	6

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