

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF COMPUTER APPLICATIONS
EXAMINATION : DECEMBER - 2025
SEMESTER – IV

Sub : Cloud Computing (MCA- 401-22)

Date : 31/12/2025**Total Marks : 60****Time: 2.00 pm To 4.30 pm**

Instruction:

1. All questions are compulsory unless and otherwise stated.
 2. Bold figures to the right of every question are the maximum marks for that question.
 3. Candidates are advised to attempt questions in order.
 4. Answers written illegibly are likely to be marked zero.
 5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
 6. Draw neat and labelled diagram wherever necessary.
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Q. 1. Answer the following in 2 - 3 lines. (Any 5) (10)

1. Define SAN.
2. Define IaaS.
3. Define RAID.
4. Define CIFS server.
5. Define Accessibility in cloud.
6. What is public cloud?
7. List 4 applications of cloud.

Q. 2. Answer the following in short. (Any 4) (20)

1. Explain XaaS in detail.
2. List and explain various Linux distributions.
3. Explain in brief, how Cloud helps reducing capital expenditure.
4. Describe Datacenter.
5. Define cloud computing. Describe its characteristics.
6. What are benefits and limitations of Server Virtualization?

Q. 3. Answer the following in detail. (Any 3) (30)

1. What is the need of virtualization? Explain Server virtualization, Application virtualization, Presentation Virtualization
2. Explain architecture of cloud computing along with suitable diagram
3. Explain VMware Architecture.
4. Explain the services provided by the Microsoft Azure infrastructure cloud from a user perspective.
5. Enlist and explain service models and deployment models of cloud
