

ROLL No:

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Total number of pages:[1]  
Total number of questions:07

MCA/ 6<sup>th</sup> Sem  
Cloud Computing  
Subject Code: MCA 602  
Paper ID : M/18

(RG)

Time allowed: 3 Hrs  
Important Instructions:

Max Marks: 60

- All questions are compulsory

**PART A (2×10)**

Q. 1. Short-Answer Questions:

- What is cloud computing?
- What is virtualization in cloud computing?
- What is Identity Access Management?
- Differentiate public, private and hybrid clouds.
- Name the different cloud services.
- What is hypervisor?
- What is on-demand self-service and resource pooling?
- List some driving factor toward clouds.
- What is Multi-tenancy?
- List various cloud management platforms.

**PART B (8×5)**

- Q. 2. What are different cloud models? Write their benefits. CO1  
OR  
What are pros and cons of Cloud computing in comparisons of Distributed and Grid computing? CO1
- Q. 3. What is the role of virtualization in cloud computing? Describe the role and characteristics of hypervisor. CO2  
OR  
What are the advantages of "Software as a Service" (SaaS)? Explain with example CO2
- Q. 4. What is AWS? What types of Services does it provides? CO3  
OR  
What is IAAS? Explain its advantages and disadvantages. CO3
- Q. 5. What do you mean cloud security threats? Explain top 5 security threats in cloud computing CO4  
OR  
Discuss Cloud Computing security concerns in detail. CO4
- Q. 6. Compare and contrast cloud computing platforms offered by IBM and Microsoft Azure CO5  
OR  
Write features of AWS cloud services. CO5