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**GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY UNIVERSITY, ODISHA, GUNUPUR
(GIET UNIVERSITY)**

Ph.D. (First Semester-Winter) Examinations, June - 2025

**23WPPECS1015- Cloud Computing
(CSE)**



Time: 3 hrs

Maximum: 70 Marks

The figures in the right hand margin indicate marks.

Answer ANY FIVE Questions.

(14 x 5 = 70 Marks) Marks

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| 1.a. Discuss the Deployment and Service Models of Cloud Computing? | 8 |
| b. Describe various types of Server virtualization? | 6 |
| 2.a. Discuss the various challenges of Cloud Computing? | 7 |
| b. Describe various types of Network virtualization? | 7 |
| 3.a. Explain cloud authorization management in details? | 7 |
| b. Discuss the different IAM challenges in brief? | 7 |
| 4. What is meant by auditing in cloud computing? What is compliance in cloud? Explain the audits and compliance requirement for cloud computing? | 14 |
| 5.a. Discuss the various cloud applications? | 7 |
| b. Discuss the Deployment and Service Models of Cloud Computing? | 7 |
| 6.a. Explain the role of Hypervisor in Virtualization? | 7 |
| b. Discuss the Resource Provisioning and Platform Deployment? | 7 |
| 7. Discuss the various types of Storage and CPU Virtualization in Cloud Computing? | 14 |
| 8.a. What are the different security challenges in cloud computing? | 7 |
| b. Discuss the cloud adoption and its several policies? | 7 |

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