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**Gandhi Institute of Engineering and Technology University, Odisha, Gunupur
(GIET UNIVERSITY)**



Ph.D. (First Semester-Summer) Examinations, December – 2025

23SPPECS1015 – 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
1.a. Discuss the important challenges of Cloud Computing.		8
b. Discuss the Deployment and Service Models of Cloud Computing.		6
2. Explain cloud authorization management in details?		14
3.a. Analyse the usage of virtualization in Cloud computing.		7
b. Illustrate CPU Virtualization.		7
4. Discuss the cloud security challenges? How is security provided to data at various stages in context of cloud?		14
5.a. State the Resource Provisioning and Platform Deployment		7
b. Discuss the Challenges to Cloud architecture.		7
6.a. Illustrate I/O Virtualization.		7
b. Discuss the different aspects of data security?		7
7. How identity management is implemented in secure cloud computing?		14
8.a. Explain the cloud information security fundamental introduced in the cloud security management?		7
b. Explain about risk management in cloud computing.		7

---End of Paper---