

FACULTY OF ENGINEERING

BE (CSE) VI-Semester (AICTE) (Main) Examination, October 2021

Subject: Cloud Computing (PE-IV)

Time: 2 Hours

Max marks: 70

Missing data, if any, may be suitably assumed

PART - A

Note: Answer any five questions:

(5x2=10 Marks)

1. What are the characteristics of Cloud Computing?
2. Why hybrid clouds are so important?
3. Define logical network perimeter.
4. What is the significance of resource replication?
5. List the tasks of cloud management mechanisms.
6. What is the use of 'self service portal'?
7. What does an anonymous attacker do?
8. Define hashing.
9. What are the drawbacks with Google App Engine?
10. What is the significance of elastic load balancing?

PART - B

Note: Answer any four questions

(4x15=60 Marks)

11. Write a neat sketch, explain cloud computing reference model.
12. List and explain various cloud delivery models.
13. Discuss resource cluster.
14. a) Explain resource management system.
b) Explain SLA management System.
15. Explain any five cloud security mechanisms.
16. Explain Google App Engine architecture and core concepts.
17. Explain the following:
 - a) Open Nebula
 - b) Open Stack
