



B.E DEGREE EXAMINATIONS: NOV/DEC 2023

(Regulation 2018)

Fifth Semester

INFORMATION SCIENCE AND ENGINEERING

U18ISE0006: Cloud Architecture and Computing

COURSE OUTCOMES

CO1: Understand fundamental distributed computing concepts for cloud computing.

CO2: Differentiate between different cloud deployment and service models.

CO3: Identify appropriate virtualization technology.

CO4: Select suitable architecture for an application context.

CO5: Understand different technology options for cloud applications.

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. Matching type item with multiple choice code

CO1 [K₂]

List I	List II
A.Lambda	i. Google
B.Cosmos DB	ii.iPaaS
C.IBM	iii.AWS
D. App Engine	iv.Azure

- | | A | B | C | D |
|----|-----|----|-----|----|
| a) | iii | iv | ii | i |
| b) | ii | iv | iii | i |
| c) | iv | ii | iii | i |
| d) | iii | i | ii | iv |

2. Which cloud service model supports to have more control over the cloud resources.

CO1 [K₂]

- | | |
|---------|---------|
| a) IaaS | b) PaaS |
| c) EaaS | d) SaaS |

3. Which is responsible for allowing a request to an instance that resides inside a VPC?

CO2 [K₄]

1. Security group

26. a) Demonstrate different types of load balancers used to streamline the traffic to application servers. 7 CO4 [K₂]
- b) Describe different zones used in Oracle Solaris Zones. 7 CO5 [K₂]
