Question Paper

Exam Date & Time: 22-May-2023 (10:00 AM - 01:00 PM)

MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal School of Information Sciences (MSIS), Manipal
Second Semester Master of Engineering - ME (Cloud Computing) Degree Examination - May 2023

Cloud Security [CDC 5202]

Marks: 100   **Duration: 180 mins.**

Monday, May 22, 2023

Answer all the questions.

1)	Illustrate 5 primary key concepts of security (BL: 3, CO: 1, PO: 1)	(10)
2)	Explain common types of security attack (BL: 2, CO: 4, PO: 1)	(10)
3)	Illustrate how monitoring helps in managing resources /applications along with various AWS Services to do so (BL: 3, CO: 3, PO: 3)	(10)
4)	Demonstrate AWS KMS case study with block diagram for AMAZON EBS. (BL: 3, CO: 2, PO: 3)	(10)
5)	Infer the importance of S3 object lock for versioning. (BL: 4, CO: 1, PO: 3)	(10)
6)	Analyze the difference between security groups and network ACL (BL: 4, CO: 1, PO: 1)	(10)
7)	Explain AMAZON VPC along with its difference with subnet (BL: 2, CO: 3, PO: 2)	(10)
8)	Describe "requests" in IAM along with its components. (BL: 2, CO: 2, PO: 2)	(10)
9)	Illustrate the security design principles on AWS. (BL: 3, CO: 4, PO: 1)	(10)
10)	Explain the shared responsibility model with a use case. (BL: 2, CO: 2, PO: 1)	(10)

-----End-----