



Sanjay Ghodawat University, Kolhapur

2018-19

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/01

Year and Program: 2018-19

School of Technology

Department of CSE, FY M. Tech.

Course Code: CCC506

Course Title: Cloud Security

Semester – II

Day and Date: Friday
24-05-2019

End Semester Examination
(ESE)

Time: Max Marks: 100
2.30 to 5.30 pm

Instructions:

- 1) All questions are compulsory.
- 2) Assume suitable data wherever necessary.
- 3) Figures to the right indicate full marks.

Q.No	Question	Marks	Bloom's Level	CO
Q.1	Solve any Two			
a)	Explain any 4 objectives of information security and their importance in PaaS, IaaS and SaaS.	09	L2	CO1
b)	Illustrate on significance of OpenSSL. How it is used?	09	L2	CO1
c)	With diagram illustrate on mechanism of public key cryptography.	09	L2	Co1
Q.2	Attempt the following			
a)	Identify security threats while implementing virtual machine isolation.	08	L3	CO2
b)	Develop strategy on how to secure ESX-i system.	08	L3	CO2
Q.3	Attempt the following			
a)	Identify attacks on virtual machines at different levels.	08	L3	CO2
b)	Analyze security threat models for evaluating VM attack solutions.	08	L4	CO2
Q.4	Solve any Two			
a)	Discuss virtual server security is provided by IBM?	09	L6	CO3
b)	Appraise sandboxing architecture.	09	L5	CO3
c)	Dissect HIDPS levels, mechanism and application.	09	L4	CO3
Q.5	Attempt the following			
a)	Distinguish different types of legal issues related to cloud computing.	08	L4	CO4

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b) Analyze PCI DSS.

08

L4

CO4

Q.6 Solve any Two

a) List and explain legal challenges in cloud computing.

08

L4

CO4

b) Determine contractual issues in cloud service provision.

08

L5

CO4

c) Analyze compliance for IaaS and SaaS.

08

L4

CO4

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