Sanjay Ghodawat University, Kolhapur

2020-21

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

EXM/P/09/00

Year and Program: T.Y. B.Tech CSE	**School of Technology**	**Department: Computer Science and Engineering**
Course Code: CST 309	**Course Title: Information Security**	**Semester :V**
Day :Wednesday **Date :17/02/2021**	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Question Paper

Instructions: 1) All Questions are compulsory.
2) Draw neat and suitable diagrams whenever necessary.

		Marks	Bloom's Level	CO
Q.1	**Answer the following (any two)–**			
a)	Categorize and explain Attacks in information security.	8	5	1
b)	Analyze Data Encryption standard.	8	4	2
c)	What is RSA cryptosystem? Explain in detail.	8	1	3
Q.2	**Answer the following (any two) –**			
a)	Explain X.509 Authentication Service	8	2	4
b)	Explain S/MIME to secure E-mail system.	8	3	5
c)	Explain ISAKMP protocol.	8	2	6
Q.3	**Answer the following (any two) –**			
a)	Identify different security services and security mechanism in information security.	9	3	1
b)	Explain SSL Architecture.	9	2	6
c)	Explain Transformations in Advanced Encryption Standard.	9	2	2

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