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MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

A Constituent unit of MAHE, Manipal

VII SEMESTER B.TECH. (COMPUTER SCIENCE & ENGINEERING)

END SEMESTER EXAMINATIONS, DEC 2021

SUBJECT: INFORMATION SECURITY [CSE 4056]

REVISED CREDIT SYSTEM
(24/12/2021)

Time: 75 Minutes

MAX. MARKS: 20

Instructions to Candidates:

- ❖ Answer **ALL** questions.
- ❖ Missing data may be suitably assumed.

PART B

- 1A. Define Enforcement Methods. Summarize the common enforcement methods used in Network Access Control 5M
- 1B. With the help of an example discuss how EAP exchange takes place 3M
- 1C. Discuss any four requirements for enforcing security in databases 2M
- 2A. Discuss the different ways in which worms replicate themselves on remote systems 5M
- 2B. Define Viruses. Discuss the different phases of a virus in its lifetime 3M
- 2C. Discuss any four layers of security that should be in place in a successful organization 2M
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