

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE -

RAIGAD -402 103

Winter Semester Examination – Dec. - 2019

Branch: M. Tech. (CE / CSE / CE&IT / CS) CSE

Sem.:- I

Subject:- Intrusion Detection System (Elective-2) MTCE1105A

Marks: 60

Date:- 21/12/2019

Time:- 3 Hr.

Instructions to the Students

1. Each question carries 12 marks.
2. Attempt any five questions of the following.
3. Illustrate your answers with neat sketches, diagram etc., wherever necessary.
4. If some part or parameter is noticed to be missing, you may appropriately assume it and should mention it clearly.

(Marks)

- Q.1. a) Where IDS is placed in OSI model? How it works? (06)
b) Explain types of intruders in detail (06)
- Q.2. a) Describe components of Denning model of intrusion detection (06)
b) Describe and compare Host Based and Network Based intrusion detection systems (06)
- Q.3. a) Explain Cost Sensitive IDS (06)
b) Explain SVM intrusion detection system (06)
- Q.4. a) Explain Anomaly based intrusion detection system (06)
b) What are Honeypots? Give their classification (06)
- Q.5. a) Give significance of Sensors with respect to IDS. Describe Network based sensors (06)
b) Explain Multi-Tiered architecture of Intrusion Detection System (06)
- Q.6. a) Describe Network Behavior Anomaly Detection (NABD) in detail (06)
b) Differentiate between IDS and IPS (06)

----- END OF PAPER-----