

Enroll No.....

Class Roll No.....

Second Mid Semester Examination

Cyber Security (CS/AIML-501)

Branch: CSE/AIML Semester: V

Time 1:30 Hrs

Max. Marks 20

Q.1 a) List any four cyber offences covered under the IT Act, 2000. (CO3 7 marks)

B) Explain how cyber defamation is different from traditional defamation under Indian law

OR

a) A teenager defaces a government website as a prank. Apply relevant provisions of the IT Act to identify possible charges.

b) Analyze the role of *jurisdiction* in prosecuting cybercrimes that span multiple countries. What challenges arise?

Q.2 a) Name the section of the Indian Evidence Act that deals with the admissibility of electronic records. (CO4 7 marks)

b) Explain the *probative value* of electronic evidence in a cybercrime trial.

OR

a)How would a digital signature be proved valid in an Indian court as per the IT Act, 2000?

b) Compare the treatment of electronic records under the Indian Evidence Act, 1872, and the IT Act, 2000

Q.3.a Define the term *phishing* and name two common phishing techniques. (CO5 6 marks)

b Describe how *Trojan horses* differ from *worms* and *viruses*.

OR

a) You suspect a system has been infected with spyware. Apply any two methods to detect and remove the threat