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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**

