

**DIRECTORATE OF DISTANCE EDUCATION
NALSAR UNIVERSITY OF LAW, HYDERABAD**

M.A. (CRIMINAL LAW & FORENSIC SCIENCE)

Academic Year: 2025-2026

**Fourth Semester Repeat Examination – Online Proctored Examination
(November, 2025)**

2.4.12. Cyber Forensics

Duration of the Examination: 2 ½ hours

Total Marks : 70 marks

INSTRUCTIONS TO CANDIDATES

- a) Read the instructions carefully and adhere to the same.
- b) Please mention your Name, DDE ID No., date of the exam, name of the programme, name of the subject, total number of pages on the first page and write the page numbers in sequence on each sheet before upload.
- c) The questions to be interpreted as given and no clarification can be sought.
- d) Clearly indicate the question numbers while answering them. Answers without question numbers / wrong question numbers will not be evaluated.
- e) Write the answers clearly and neatly. Answers in illegible handwriting will not be taken into consideration.
- f) Candidates need to check the scanned and pdf converted file before uploading, whether all pages are scanned properly and the same is in sequence and clearly visible.
- g) Candidates are prohibited to use phones or any other electronic devices, books, material etc. during the Examination.
- h) Copying from any source including from other students is strictly prohibited. Plagiarism is considered as a serious academic mis-conduct and the University will take action as it deems fit.

1. (a) An audio and video clipping of a head of the state is going viral, wherein it is clearly seen that the state is involved in serious public disturbance for the benefit of a political party.

- (i)** What sections of the law are to be used to set the law into motion? **(5 marks)**
- (ii)** How to collect the admissible clipping? Do's and Don't's. **(5 marks)**
- (iii)** What is the method and process of authenticating the audio video clipping for producing it in the Court of Law? **(5 marks)**

1. (b) An image depicting a girl in obscene condition on Instagram has been uploaded.

(i) What is the method to get the image/profile removed? **(5 marks)**

(ii) If a case is to be registered against the crime, what is the method to give such complaint? and where? **(5 marks)**

(iii) How to preserve the evidence for forensic examination? **(5 marks)**

2. (a) Explain the concept of cloud computing and discuss the security challenges associated with it. **(10 marks)**

2.(b) A company's cloud database is compromised by ransomware. Discuss how cloud forensics techniques can help identify the attacker, recover the data and prevent future incidents. **(10 marks)**

3. (a) Discuss various types of cybercrimes against individuals and organizations with suitable examples. **(10 marks)**

3. (b) A coordinated cyberattack is suspected to have been executed using multiple SIM cards and VoIP accounts. Design a step-by-step methodology combining mobile, network and VoIP forensics to identify the perpetrators and their communication channels. **(10 marks)**