

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

Advanced Post-Graduate Diploma in Criminal Law & Forensic Science

Academic Year: 2020-2021

Second Semester –Take Home Examination (June, 2021)

Paper III - 1.2.6. Forensic Medicine, Biology & DNA

TOTAL MARKS: 50

INSTRUCTIONS TO CANDIDATES

- a) Read the instructions for Take Home Examination carefully and adhere to the same.
 - b) *Please mention your name, ID No., subject name and total number of pages on the Answer Sheet.*
 - c) *Clearly indicate the question numbers while answering them.*
 - d) *Answer any two of the following. Each answer should be typed within 1000-1500 words.*
 - e) *Since this is a take home exam, we expect your answers to be analytical rather than straight answers.*
 - f) 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.
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- 1. (a) Write in detail the different types of regional injuries. **(15 marks)**
(b) What are the immediate signs of death? **(10 marks)**
- 2. DNA Fingerprinting and its importance in disputed paternity cases Investigation. **(25 marks)**
- 3. Ms. H had been kidnapped during her morning walk around 7 am. Her family panicked and started searching for her. Upon few miles from the victim's house, her dead body was found on the road with a blood stained knife next to the body. The police arrived at the scene of crime and formed an Investigation Team to probe the matter.

(a) If you are an Investigating Team member, what kinds of physical evidences will you look for at the scene of crime and various steps followed by you for the crime scene investigation? **(10 marks)**

- (b)** Discuss the technique for collection and packaging of fresh blood samples and blood stains from crime scene and describe the advantages of collecting blood as physical evidence in forensic science. **(15 marks)**
