

**GUJARAT NATIONAL LAW UNIVERSITY  
GANDHINAGAR****Course: Forensic Science  
Semester-V (Batch: 2014-19)****Mid Semester Test: August-2016****Date: 12<sup>th</sup> August, 2016****Duration: 1 ½ hours****Max. Marks: 20****Instructions:**

- Read the questions properly and write the answers in the given answer book.
- The respective marks for each question are indicated in-line.
- Do not write any thing on the question paper.
- Draw the diagrams only with pencil.
- Indicate correct question numbers in front of the answers.
- No questions or clarifications can be sought during the exam period, answer as it is, giving reason, if any.

**Part-A****Marks  
(04)**

- Q.1 A robbery took place on August 01 2016, in GIFT City, Gandhinagar. One eye witness stated that he saw few people rushing out of the premises in a hurry and ran away in a car at around 05:30 am while he was going for his routine morning walk. He decided to report the incident.
- (a) Who will be authorized legally to investigate the facts and arrest the offender and why?
  - (b) What will be the appropriate method for the searching of crime scene?
  - (c) Explain any one technique which can be used for the visualization of the chance prints found at the scene of crime.
  - (d) Explain any one chemical technique for the visualization of latent finger marks found from the scene of crime.

**Part-B****(3x2  
=06)**

- Q.2 Answer the following questions:

- (a) What is gait patterns? Explain its significance with the help of diagram.
- (b) Define a pattern in fingerprints. Explain the types of patterns with diagram.
- (c) Explain the following terms:
  - (i) Rigor mortis
  - (ii) Cadaveric spasm

**Part-C****(2x5  
=10)**

- Q.3 Read the case and answer the following question:

On August 02, 2016, a security head of Gujarat National Law University received a phone call that few burglars tried to enter the restricted premises of Corporation bank cash counter located on the ground floor of the campus. The security head barricaded the scene of offence and immediately informed area police station about the incidence. What will be the importance of scene of crime and what duties shall investigating officer perform at scene of crime?

Q.4 Answer the following question:

A gang of dacoits had brutally raped a woman and her 14-year-old daughter at gunpoint after dragging them out of a car in Bulandshahr on NH-91 when they were travelling with their family from Noida to Shahjahanpur on July 29 2016 night. Uttar Pradesh Police, on July 31 2016 arrested the three accused — Mr. XX (25), Mr. YY (22) and Mr. ZZ (28) — and detained a dozen others after launching a massive hunt for the dacoits suspected to be behind the highway crime. Fingerprints of the main accused were recorded on finger impression slip by modus operandi bureau for further examination. Explain and determine the steps for Henry classification to record his fingerprints in documentation system.

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