

**GUJARAT NATIONAL LAW UNIVERSITY
GANDHINAGAR**

Course: Forensic Science
Semester-V (Batch: 2013-18)

End Semester Examination: Oct-Nov. 2015

Date: 30th October, 2015

Duration: 2 hours

Max. Marks: 40

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 anything on the question paper. Cordially
- 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**

- Q.1 One 14-years-old girl was killed by means of gagging. What all body fluids can be found at the scene of crime? Write one chemical test for the analysis of the same. (02)
- Q.2 Answer the following questions: (6x3=18)
- On 20 October, 2015 a white colored car (Maruti Suzuki- WagonR) was stolen from Gujarat National Law University parking area. A report was registered to the area police station. Three days later, police found one unknown car of same model and color but the chasis number and number plate of the suspected car differed from that of stolen car. How will you restore the chasis number and number plate of the car to prove the identity?
 - On 24 October, 2014, the TOI reported that 20-year-old Bhiwandi-based victim has suffered 85 per cent burns and is struggling for her life. Explain the critical situation for her survival. Determine the degree of burn.
 - Write signs and symptoms of Nux-Vomica poisoning.
 - An unknown dead body of a male was found near Koba village circle. Many flies were feeding on the same. What will be the role of Forensic entomologist in examination and how these flies can be useful for the investigation?
 - What do you mean by Gramya Van (ગ્રામીણ વન) and Raksheet Van (રક્ષીત વન)? What are the punishments for Poaching of Schedule 1 & 2 animals?
 - Determine primary classification of the following and also mention the values assigned to each pairs to perform the same

w	R	t	a	w
a	A	w	r	w

Part-B

- Q.3 Answer the following questions: (4x5=20)
- A live bomb was found near Lok Sabha? How will you determine that the bomb is an IED? What precautions will be taken to diffuse the bomb? If the diffusion is not possible within the stipulated time duration, how will you transport it to the safe place?

- (b) If a person shoots with semi auto gun will he have gunshot residue on his hands and clothes? How will you determine the range of firearm?
- (c) On 26 October, 2015 Gujarat Police arrested a man with 50 bundles (100 notes in each) of INR 500/- notes. How will you identify the genuine currency notes from these bundles?
- (d) Explain Brain Fingerprinting & Brain Electrical Oscillation Signature Profiling (BFP&BEOSP).
