

**Date - 10.01.2018
Time - 1 ½ hours
(9.45 am – 11.15 am)**

Index No

Answer all questions.

Part I - Structured Questions

01. a. Discuss the legal consequence of involuntary drunkenness (05 Marks)

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b. Discuss the factors that affect the absorption of alcohol at GIT (05 Marks)

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c. Differentiate the postmortem features of the dry and wet drowning (05 Marks)

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d. Write down 5 pathophysiological features of fresh water drowning

(05 Marks)

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02. a. Describe how the death is achieved in Judicial hanging

(05 Marks)

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b. Write down 3 investigations you do when find a body with rope marks in the neck and the reason for it

(05 Marks)

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c. Explain the mechanism of asphyxia in mugging.

(05 Marks)

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d. Describe how a stab injury to left ventricle can cause asphyxia. (05 Marks)

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Part II – Essay Questions

01. A 35 year old man with alcoholic smell is brought to the hospital by a group of people who claim they found him being assaulted with weapons by two persons on the road, and as a result, he had a gaping wound in the forehead and multiple small wounds on the trunk and limbs. His shirt and trouser were torn.

- a) Describe how you would establish whether the forehead injury was caused by a blunt or sharp weapon (08 Marks)
- b) Discuss the types and mode of injuries and the assailants would have sustained during the fight and the culpabilities. (06 Marks)
- c) On third day after admission, he developed epilepsy and died in 15 minutes. Explore the possible causes and contributory causes of death (06 Marks)

02. A postmortem examination was performed on a dead body of a young man who died a few hours after a road traffic accident. A subdural and a dorsal subarachnoid haemorrhages were detected

- a) How would you differentiate between a spontaneous and traumatic subarachnoid haemorrhage (SAH)? (06 Marks)
- b) Discuss the clinical features of the SAH (06 Marks)
- c) Discuss the causes of haemorrhage and the postmortem features in the head (08 Marks)