T.Y. B.Sc Sem II
Exam May 2019
07/05/19

Paper / Subject Code: 88668 / Human Science: Paper III

Duration: 21/2 hrs **Total Marks :75**

N.B:1. All questions are compulsory.
2. Figures to the right indicate marks.
3. Draw neat and labeled diagrams wherever necessary.

Q.1) (A) Explain clinical aspect and forensic use of Narco-analysis. (7)

OR

(A) Write in detail types of sexual offenses. (7)

(B) Define crime. Explain in detail behavioral and psychological theories of crime. (8)

OR

(B) Define polygraph and explain in detail stages of polygraph. (8)

(C) **Attempt any ONE of the following:** (5)

(i) Write in short methodology of narcoanalysis.

(ii) Examination of accused in rape case.

Q.2) (A) Define DNA, explain in detail importance of DNA evidence. (7)

OR

(A) Write in detail types of fingerprint patterns. (7)

(B) What is tool mark? Explain in detail types of tools. (8)

OR

(B) Significance of hair sample, write in detail examination of hair evidence. (8)

(C) **Attempt any ONE of the following:** (5)

(i) Write in short role of forensic expert and police officer.

(ii) Write in short types of shoeprints.

Q.3) (A) Define narcotic drug, explain in detail classification of opium. (7)

OR

(A) What is toxicology? Explain in detail types of poisoning. (7)

(B) Explain in detail formation of petroleum product. (8)

OR

(B) Write in detail about examination of viscera. (8)

(C) **Attempt any ONE of the following:** (5)

(i) Explain drug dependency, tolerance and drug hazards.

(ii) Write in short mechanism of breathe analyser.

Q.4) **Attempt Any THREE of the following:** (15)

(i) Role of medicolegal officer.

(ii) Significance of dental remains.

(iii) Significance of toolmarks.

(iv) Methods of glass examination.

(v) Fingerprint bureau.

(vi) Juvenile deliquency.

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