

TAMILNADU PUBLIC SERVICE COMMISSION
HALF YEARLY EXAMINATIONS AND LANGUAGE TESTS -
OCTOBER - 2021

SCIENTIFIC AIDS TO INVESTIGATION

(FOR POLICE OFFICERS)

Time : 3 Hours

Maximum Marks : 100

(WITHOUT BOOKS)

1. Answer any TWO of the following. (2 × 10 = 20)

(a) What are the steps followed in the plan of investigation?

If you are a Investigating officer, when go to scene of crime, what are the physical evidences you collect from SOC?

(b) What is Scene Of Crime (SOC)?

How to take SOC photography and brief its importance?

(c) Write about the Cyber crime and Cyber Forensics, its classifications. Brief the major areas of Computer crimes.

2. Answer only ONE of the following Two questions : (1 × 20 = 20)

(a) How the finger prints are necessary for identifying a person? Explain the types of finger prints are found at the scene of crime. Further what are the finger print patterns taking from a person by the Investigating officer?

Or

(b) What are the external appearances found in the drowned dead body and the examinations to be done by Investigating officer in deaths of drowning cases?

What are the materials necessary for superimposition of skull in a decomposed drowning dead body?

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3. (a) Describe the explosives and mention the types of explosives. What are the precautions to be taken by the Investigating officer in explosive cases and samples are to be collected for the Investigation by the Investigating Officer after blast?
- (b) What is meant by fire arms and Forensic ballistics? Write about the various types of fire arms. What are the questions to be asked while forwarding fire arms and Ammunition to Forensic Laboratory for examination? (2 × 10 = 20)
4. Describe the objectives of Road accident investigation and causes of Road accidents. Why Accident investigation is important and write about the investigative procedures in the Road accident cases? (1 × 20 = 20)
5. (a) State the legal definition of DNA Finger printing and write about the advantages of DNA Finger printing.
- (b) What are the samples required for DNA Finger printing examination in Crime Investigation? (2 × 10 = 20)
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