

TAMILNADU PUBLIC SERVICE COMMISSION
HALF YEARLY EXAMINATIONS AND LANGUAGE TESTS –
OCTOBER - 2025
SCIENTIFIC AIDS TO INVESTIGATION (FORENSIC SCIENCE)
(FOR POLICE OFFICERS)

Time : 3 Hours

Maximum Marks : 100

(WITHOUT BOOKS)

1. Answer any TWO of the following : (2 × 10 = 20)
 - (a) Elaborate on collection, lifting, packing and forwarding of physical exhibits.
 - (b) What is the significance of footprints in crime scene investigation? Elaborate the procedure in lifting the footprints in SOC.
 - (c) What is Counterfeit currency and how it is being printed?

2. Answer any THREE of the following : (3 × 10 = 30)
 - (a) Role of photography in crime scene investigation and its evidentiary value in trial.
 - (b) How are the erased identification numbers and tool mark restored?
 - (c) Role of forensic science in crime scene investigation.
 - (d) What is superimposition and its relevance in crime investigation?

3. Answer any FOUR of the following : (4 × 5 = 20)
 - (a) Describe documentary evidence and its relevance.
 - (b) Describe the importance, collection of glass and paints in crime scene.
 - (c) Describe blood grouping and its types.
 - (d) Describe portrait parle and its importance.
 - (e) Describe forensic ballistics with examples.

[Turn over

4. Differentiate : (4 × 2 ½ = 10)
- (a) Footprints vs Fingerprints
 - (b) Superimposition vs DNA
 - (c) Soil vs Dirt
 - (d) Legal tender vs Counterfeit currency
5. What is DNA Fingerprinting? Why it is unique? How it is analysed? What is the evidentiary value? (1 × 20 = 20)
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