## TAMILNADU PUBLIC SERVICE COMMISSION

# HALF YEARLY EXAMINATIONS AND LANGUAGE TESTS – APRIL - 2024

#### SCIENTIFIC AIDS TO INVESTIGATION

### (FOR POLICE OFFICERS)

Time: 3 Hours Maximum Marks: 100

#### (WITHOUT BOOKS)

All questions carry equal marks.

- What are all the steps to be followed in search of a crime scene? Explain the methods of search in detail with diagram. (20)
  Write short notes on:

   (a) Scorching
   (b) Blackening
   (c) Tattooing
   (d) Class and characteristics of a weapon
   (e) Accidental characteristics of a weapon

  What are the patterns of Finger Print? What are the procedures to be followed while searching for the Finger Print at the SOC? (20)
- 4. What is meant by surface print and sunken print? How will you cast a Foot Print? (20)
- 5. What are all the material evidences which could be available in a case of Rape and Murder for Gain by a Gang? (20)