

HP BOARD OF DEPARTMENTAL EXAMINATION
HIMACHAL PRADESH SESSION, OCTOBER, 2014

PAPER-3 RULES & ACTS FOR STATE FORENSIC SCIENCE LABORATORY
DEPTT (TECH.) (WITHOUT BOOKS)

TIME ALLOWED: 3 HOURS.

MAXIMUM MARKS: 100

NOTE: 1. Attempt five question only. Question No. 1 is compulsory.
 2. All questions carry equal marks.

Q. No.1 Write short notes on:-

- (a) Law of individuality
- (b) Frye rules
- (c) Designer drugs
- (d) Arches

5X4 = (20)

Q. 11 Define physical evidence. Discuss role of forensics at the scene of crime. (20)

Q. 111 Describe functions of Forensic Science. Explain with suitable illustration in reference to criminal justice system. (20)

Q. 1V Discuss conventional and modern method of developing finger prints. (20)

Q. V Write short notes:-

- (a) Aerosole explosion (b) Absorption inhibition technique
- (c) Scene of crime photography (d) Density gradient method 5X4= (20)

Q. VI Describe DNA profiling technique in sexual assault cases. (20)

Q. V11 Discuss screening and confirmatory method of detection of drugs in oral fluid and urine samples. (20)

Q. V111 a) Differentiate between smooth bore and rifled fire arm.

b) Differentiate between explosion and detonator.

10X2 = (20)

Q. 1X Use of scientific interrogation technique help in protection of human rights. Comment. (20)