

**PRAVARA INSTITUTE OF MEDICAL SCIENCES  
(Deemed University)**

**Post Graduate Degree in Forensic Medicine (M.D)  
Examination May,2012**

**Paper –IV**

**Paper Title : Forensic Science and recent advances  
In Forensic Medicine and Toxicology**

**Date : 21<sup>st</sup> May 2012**

**Marks : 100**

**Time : 9.30 a.m. to 12.30p.m.**

**Instructions to candidate :**

1. All questions are compulsory.
  2. Answer written in illegible handwriting will not be assessed.
  3. Write answers on both sides of answer paper.
  4. Neat diagrams must be drawn wherever necessary
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**Que 1.** Describe the changing patterns of drug abuse in India. **Marks 20**

**Que 2.** Discuss legal, social and ethical aspects of recent methods of procreation. **Marks 20**

**Que 3.** Discuss technological advancements in detection of poisons and trace evidence. **Marks 20**

**Que 4. Write short notes on** **Marks 40**

- a) Proposed amendments to rape laws in India.
- b) Gas Chromatography.
- c) Drug dependency.
- d) Age and sex determination from skeletal remains.