

**Q.P Code**

**Reg. No.**

**PG Degree Regular/Supplementary Examinations in Forensic Medicine (M.D)**

**PAPER III – FORENSIC PATHOLOGY & TOXICOLOGY**

**Time : Three Hours**

**Maximum : 100 Marks**

**Essay:**

**(20)**

1. A major fireworks explosion has occurred at a manufacturing facility near your locality, resulting in a mass casualty incident involving more than 40 civilian deaths. The deceased individuals were brought for medicolegal autopsy examination and the bodies exhibited varying degrees of damage. Discuss in detail the role and responsibilities of a forensic surgeon. Add a note on the reconstruction of the explosion scenario based on the pattern and distribution of injuries (10 + 10 marks).

**Short Essays**

**(8 x10 = 80)**

2. How will you proceed in a Medico-legal case infected with Rabies?
3. Autopsy evidence in cerebral compression.
4. Ichthyotoxicosis.
5. Smothering.
6. Describe post-mortem enzymatic and biochemical changes with special reference in their value in determining time since death.
7. Alcohol intoxication and its forensic relevance.
8. Lung findings in drowning.
9. Necrobiome.