

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
(A DEEMED TO BE UNIVERSITY)

**MBBS Phase II Examination February 2021**

**Time: 180 Minutes**

**Marks: 100**

**Forensic Medicine**

*Your answer should be specific to the question asked  
Draw neat and labeled diagrams wherever necessary*

**Long Essay**

**10 × 2 = 20 Marks**

1. Define drowning. What are the various types? Describe the postmortem findings in a case of drowning and its medico-legal importance. (1+2+4+3)
2. Define Rigor mortis. Discuss the various factors that influence its onset and duration. Add a note on the conditions simulating Rigor mortis. (2+5+3)

**Short Essay**

**5 × 10 = 50 Marks**

3. Define hallucination. Describe the types of hallucination. (1+4)
4. Describe the signs and symptoms of chronic lead poisoning.
5. Differences between suicidal and homicidal hanging.
6. Discuss the methods of performing a criminal abortion.
7. Define infanticide. Add a note on hydrostatic test. (1+4)
8. Enumerate the dyes used in tattoo marks. Describe its medico-legal importance. (2+3)
9. Enumerate the routes of administration of poison.
10. Discuss the entomology of a cadaver and its medico-legal significance. 3+2
11. Describe the positive signs of pregnancy.
12. Explain battered baby syndrome. Outline its classical features and its medico-legal importance. (1+2+2)

**Short Answer**

**3 × 10 = 30 Marks**

13. Define perjury and its punishment.
14. Mention the medico-legal importance of age 12 and 14 years.
15. Differentiate penetrating and perforating injuries. Give suitable examples. (2+1)
16. Mention the characters of ideal homicidal poison.
17. Mention the medico-legal importance of bite marks.
18. Explain mechanism of production of whiplash injury.
19. Mechanism of action of strychnine poison.
20. Explain the methods of erasure of tattoo marks.
21. Explain lucid interval in head injury.
22. Explain run amok.



*Question Paper Code: RS113*

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**Long Essay (Answer any two)**

**10 × 2 = 20 Marks**

1. Classify mechanical injuries. Define types and mention medico-legal importance of abrasion. (3+1+2+4)
2. Classify sexual offences. Define rape. Describe the procedure of examination of a victim of rape. (3+2+5)
3. Define poison. Draw a neat labelled diagram of stomach wash tube. Enumerate contraindications for gastric lavage. Add a note on duties of medical practitioner in a suspected case of poisoning. (1+2+3+4)

**Short Essay (Answer any ten)**

**5 × 10 = 50 Marks**

4. Describe signs and symptoms of aluminium phosphide poisoning.
5. Describe the methods of effacement / obliteration of identity.
6. Differences between suicidal and homicidal hanging.
7. Discuss the types of hyoid bone fractures.
8. Describe the signs of recent delivery in the living and dead.
9. Describe the bite marks and its medico-legal importance. (3+2)
10. Describe the recording of dying declaration and its medico-legal significance. 3+2
11. Define impulse. Describe the various types of impulses. (1+4)
12. Describe the signs and symptoms of atropine poisoning.
13. Discuss the entomology of a cadaver and its medico-legal significance. (3+2)
14. Describe the complications of criminal abortion.
15. Describe cadaveric spasm and its medico-legal importance. (3+2)

**Short Answer (Answer all)**

**3 × 10 = 30 Marks**

16. Define loco-parentis with suitable examples. (1+2)
17. Explain justifiable homicide with suitable examples.
18. Explain the two sections relating to dowry deaths.
19. Explain briefly about paradoxical undressing.
20. Mention three medico-legal importance of legitimacy.
21. Define Atavism.
22. Define viability.
23. Mention the list of nerve gases.
24. Describe joule burn.
25. What is phossy jaw? Describe the lesion. (1+2)

