

**SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S Phase-II Degree Examination JANUARY 2019**

Time:3 hours

Max Marks:100

**FORENSIC MEDICINE**

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

**LONG ESSAY ( Answer any 2 )**

**2 X 10 = 20 Marks**

1. Describe the mechanism of action, signs and symptoms, diagnosis and treatment of organophosphorus insecticide poisoning.2+3+5
2. Describe the types of skull fracture. Add a note on whiplash injury.7+3
3. Define evidence. Briefly explain the three types of documentary evidences.1+9

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. Describe procedure for gastric lavage. Enumerate the contraindications of its use.3+2
5. What are the methods of restraining a mentally ill person.
6. Define infanticide. Add a note on hydrostatic test.1+4
7. Enumerate asphyxial deaths caused by pressure over neck.
8. Describe the primary skin incisions for opening the body during autopsy.
9. What is algor mortis. Mention the factors affecting rate of algor mortis.2+3
10. Describe the harward criteria to determine the brain death.
11. Describe external & internal signs of drowning.
12. Define sudden infant death syndrome. Explain the features of sudden infant death syndrome.1+4
13. Definition of hallucination. Describe the types of hallucination.1+4
14. Describe the clinical features and management of a viperine snake bite.
15. Discuss the rules of consent in medical examination.

**SHORT ANSWERS ( No choices )**

**10 X 3 = 30 Marks**

16. Mechanism of action of strychnine poison.
17. Lucid interval and its medicolegal importance.
18. Define munchausen's syndrome by proxy.
19. Define choking in asphyxial deaths & mention the causes for it.1+2
20. Define and enumerate the causes of sudden death. 1+2
21. Mention the three types of skull with reference to racial difference.
22. Name three aphrodisiacs.
23. Explain lucid interval in head injury.
24. Enumerate the medicolegal importance of age 12 years.
25. Explain Henry's Law.

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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe the signs and symptoms and treatment and postmortem findings in case of methyl alcohol poisoning.2+5+3
2. Define incised wound. Briefly describe its mechanism, causes and characters. Add a note on age of incised wound.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Discuss “doctrine of diminished responsibility” of an insane person
4. Discuss chemical tests for examination of semen.
5. Describe positional asphyxia. Write its causes. 2+3
6. Describe the virtual autopsy.
7. Describe the ligature mark in hanging and strangulation.
8. Define infanticide. Enumerate various acts of omission and commission to cause death of an infant.1+4
9. Definition of hallucination. Describe the types of hallucination.1+4
10. Enumerate the dyes used in tattoo marks. Describe the medicolegal importance of tattoo marks in identification.2+3
11. Describe signs and symptoms of aluminium phosphide poisoning.
12. Define and describe the causes of obscure autopsy.1+4

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Define somnambulism.
14. Define munchausen’s syndrome by proxy.
15. What do you mean by bloodless dissection of neck.
16. Define molecular death.
17. Mechanism of action of activated charcoal.
18. Voluntary admission to mental hospital.
19. Mention the medicolegal importance of poroscopy.
20. Define and enumerate the causes of sudden death. 1+2
21. Definition of somatic death.
22. Mention the differences between hypostasis and congestion.