

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

SECOND MBBS (NEW REGULATION) DEGREE EXAMINATION – DEC. 2003/JAN. 2004**SUBJECT: FORENSIC MEDICINE**

Friday, January 02, 2004

Time available: 3 Hours**Maximum Marks: 80**

✦ **WRITE BRIEF, CLEAR, RELEVANT AND LEGIBLE ANSWERS.**
✦ **ILLUSTRATE YOUR ANSWERS WITH DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE.**

1. Explain the term 'Feigned Insanity'. Mention four salient features to differentiate feigned insanity from true insanity. Add a note on criminal responsibility of an insane.
(1+4+3 = 8 marks)
2. Write briefly on:
 - 2A. Medicolegal importance of ages 12 and 18 years.
 - 2B. Professional secrets, Res Ipsa Loquitor and their significance.
 - 2C. Perjury and Hostile Witness.((2+2)+(2+2)+(2+2) = 12 marks)
3. Define Rape according to Section 375 IPC. Describe the genital findings in a child victim of rape. Enumerate the evidentiary materials to be collected from a rape victim.
(3+3+2 = 8 marks)
4. Write briefly on:
 - 4A. Haase's Rule, Hydrostatic test and their significance.
 - 4B. Features and significance of Cadaveric spasm and Mummification.
 - 4C. Description of Skin Incisions and Heart Dissection at autopsy.((2+2)+(2+2)+(2+2) = 12 marks)
5. Define drowning. Explain the different types of drowning. Explain the pathophysiology of fresh water drowning.
(1+4+3 = 8 marks)
6. Write briefly on:
 - 6A. Features and significance of Coup and Contre-coup Injuries.
 - 6B. Healing of an abrasion and a contusion.
 - 6C. Rule of Nines and Joule burn.((2+2)+(2+2)+(2+2) = 12 marks)
7. Explain the mechanism of action of cyanide on human body. Describe the signs and symptoms, treatment and postmortem appearances of acute cyanide poisoning.
(2+2+2+2 = 8 marks)
8. Write briefly on:
 - 8A. Lacrimators and Sternutators
 - 8B. Botulism and withdrawal symptoms
 - 8C. Significance of Florence test and Takayama test((2+2)+(2+2)+(2+2) = 12 marks)



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SECOND MBBS (NEW REGULATION) DEGREE EXAMINATION – JUNE 2004

SUBJECT: FORENSIC MEDICINE

Friday, June 04, 2004

Time available: 3 Hours

Maximum Marks: 80

- ✦ **WRITE BRIEF, CLEAR, RELEVANT AND LEGIBLE ANSWERS.**
 ✦ **ILLUSTRATE YOUR ANSWERS WITH DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE.**

1. Define infamous conduct (Professional misconduct). Explain with six suitable examples. What is Professional negligence (medical malpractice)? Describe the ingredients of negligence.
 $(1+3+2+2 = 8 \text{ marks})$
2. Write briefly on:
 - 2A. Implied consent and contributory negligence.
 - 2B. Delusion and Hallucination.
 - 2C. Stature and medicolegal importance of age 18.
 $((2+2)+(2+2)+(2+2) = 12 \text{ marks})$
3. Describe the incisions for opening the scalp and trunk during a medicolegal autopsy. Illustrate your answer with neat diagrams.
 $(3+3+2 = 8 \text{ marks})$
4. Write briefly on:
 - 4A. Gas stiffening and cadaveric spasm.
 - 4B. Findings of the Genital examination of a rape victim and accused.
 - 4C. Artificial insemination and its medicolegal importance.
 $((2+2)+(2+2)+(2+2) = 12 \text{ marks})$
5. Define contusion. Describe the colour changes in a contusion and enumerate the differences between contusion and postmortem Lividity.
 $(1+3+4 = 8 \text{ marks})$
6. Write briefly on:
 - 6A. Features of primary and secondary impact injuries and its importance.
 - 6B. Differences between hanging and ligature strangulation.
 - 6C. Ricochet bullet and tandem bullet.
 $((2+2)+(2+2)+(2+2) = 12 \text{ marks})$
7. Classify irritants with suitable examples. Explain the differences between a poisonous snake and a non poisonous snake. Give an outline of treatment of viperine snake bite.
 $(3+3+2 = 8 \text{ marks})$
8. Write briefly on:
 - 8A. P.M. findings in sulphuric acid and carbolic acid poisoning.
 - 8B. Signs and symptoms of poisoning due to datura and its management.
 - 8C. Locard's principle of exchange and its medicolegal importance.
 $((2+2)+(2+2)+(2+2) = 12 \text{ marks})$



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SECOND MBBS (NEW REGULATION) DEGREE EXAMINATION – DECEMBER 2004**SUBJECT: FORENSIC MEDICINE**

Friday, December 10, 2004

Time available: 3 Hours

Maximum Marks: 80

✍ **WRITE BRIEF, CLEAR, RELEVANT AND LEGIBLE ANSWERS.**✍ **ILLUSTRATE YOUR ANSWERS WITH DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE.**

1. What is professional misconduct (infamous conduct)? Explain eight offences mentioned in the warning notice issued by State Medical Council. Add a note on 'Res ipsa loquitor'.
(2+4+2 = 8 marks)
2. Write briefly on:
 - 2A. Differences of true and feigned insanity.
 - 2B. Describe the different types of fingerprints.
 - 2C. Therapeutic misadventure and vicarious liability.
 ((2+2)+(1×4)+(2+2) = 12 marks)
3. What is rigor mortis? Describe the circumstances, which modify its onset and duration. Enumerate the conditions, which simulate it.
(2+4+2 = 8 marks)
4. Write briefly on:
 - 4A. Explain four causes of infertility in male.
 - 4B. Complication of criminal abortion.
 - 4C. Postmortem artifacts and its significance.
 ((1×4)+(1×4)+(2+2) = 12 marks)
5. Classify deaths due to mechanical asphyxia. Enumerate the different types of hanging. Describe briefly the external and internal postmortem findings in a case of death due to hanging.
(2+2+2+2 = 8 marks)
6. Write briefly on:
 - 6A. Negative autopsy and its causes.
 - 6B. Differences between bruise and postmortem Lividity.
 - 6C. Significance of tattooing and blackening in case of firearm injuries.
 ((1+3)+(2+2)+(2+2) = 12 marks)
7. Classify asphyxiant poisons. Describe the mode of action, clinical picture and treatment of cyanide poisoning.
(2+2+2+2 = 8 marks)
8. Write briefly on:
 - 8A. Body carrier and body packer syndrome.
 - 8B. Vitriolage and its management.
 - 8C. Two confirmatory test to identify the blood stain.
 ((2+2)+(2+2)+(2+2) = 12 marks)

