

M.D. Examination

Forensic Medi. : Branch XV

Paper-I

(Applied Basic Sciences/Medicine & Pathology)

[Max. Marks : 100]

Date : 02-04-2019, Tuesday]

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates marks.
(2) Write legibly and to the point.
(3) Draw diagrams wherever necessary.

1. Draw the schematic diagram of anatomy of Circle of Willis. Enumerate the etio pathology of intracranial haemorrhage & outline the medicolegal importance of Berry aneurysm. (20)
 2. Describe the coronary arterial system with the help of a diagram. Discuss its applied aspect in relation to Forensic Medicine. (20)
 3. How would you proceed to conduct an autopsy in a case of custodial death? (20)
 4. Describe the development of tooth. Discuss the medico legal importance of teeth. (20)
 5. Write short note
a) How will you proceed to establish age of a young girl claiming to be of 15 years? (10x2=20)
b) Brainstem reflexes
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M.D. Examination

Forensic Medicine : Branch XV

Paper II

(Forensic Medicine)

[Max. Marks : 100]

Date : 04-04-2019, Thursday]

Time : 3 Hours]

- Instructions : (1) Figure to the right indicates marks.
(2) Write legibly and to the point.
(3) Draw diagrams wherever necessary.

1. Discuss the data on which the approximate time since death may be determined in medico legal cases. Mention the factors that influence such estimation. (20)
 2. Classify suffocation deaths. Write in details about post mortem appearance and medico legal aspects of manual strangulation and add a note about causes of death in cases of pressure on neck. (20)
 3. An intact skull bone along with mandible was recovered by police and sent to you for examination. How will you proceed to give your opinion in favour of male sex and age in between 17 to 21 years? What other medico legal queries can be solved from these bones? (20)
 4. In a case of sexual assault, an undergarment with suspected stain sent to you for examination. How will you proceed with examination of the cloth and mention the different tests to rule out blood & semen? (20)
 5. Write short notes (10x2 = 20)
 - a) Medico legal reports.
 - b) Near drowning.
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M.D. Examination

Forensic Medicine : Branch XV

Paper III

(Medical Jurisprudence Forensic Psychology & Medicolegal Toxicology)

[Max. Marks : 100]

Date : 08-04-2019, Monday]

Time : 3 Hours]

- Instructions :
- (1) Figure to the right indicates marks.
 - (2) Write legibly and to the point.
 - (3) Draw diagrams wherever necessary.

1. Discuss the circumstances where a charge of malpractice will be raised against a medical practitioner and the grounds on which the charges can be defended. (2 0)
 2. What is Ideal homicidal poison? Describe the signs, symptoms, treatment, postmortem findings and medico legal aspect of Aconite poisoning. (2 0)
 3. Write briefly the procedure of admission, discharge of a mental ill person as per the guideline of Mental Health Act 1987. Enumerate the civil responsibilities of such person. (2 0)
 4. Describe the local & systemic presentation of viper snake bite. Mention the local, specific and supportive management of it. (2 0)
 5. a) What is SAFEKIT? Explain its method of use. (2 0)
b) Important Sections in Indian law in relation to evidence.
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M.D. Examination**Forensic Medicine : Branch XV****Paper IV****(Modern Trends & Recent Advances)****Date : 10-04-2019, Wednesday]****[Max. Marks : 100****Time : 3 Hours]**

- Instructions :** (1) Figure to the right indicates marks.
(2) Write legibly and to the point.
(3) Draw diagrams wherever necessary.

1. Describe the recent advances in the detection of poison in biological samples. (20)
 2. Advancement of science of bite mark analysis. (20)
 3. Legal, ethical issues related to unknown dead body in hospital (20)
 4. What are the various new features introduced in the examination of rape accused and victim according to S.53(A) CrPC and S.164ACrPC? (20)
 5. a) Write important aspects of POCSO act - 2012 (20)
b) Narcoanalysis
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