

Madhya Pradesh Medical Science University, Jabalpur
M.B.B.S Final Part-I Examination May-2023
Subject: Forensic Medicine & Toxicology
Paper Code: 23AM0000100201

Time: 3 Hours Maximum Marks: 100

Instructions:

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and Sub-questions must be written strictly according to the serial order of question paper
- d) MCQs have to be answered in the theory answer book
- e) Please write MCQ answers neatly and in serial order with black or blue pen in brackets for example: 1. (a)
2. (b)
- f) MCQs have to be answered only once; any repetition, cutting, erasing, or use of whitener will be considered malpractice. Such answers will not be counted and action will be taken as per UFM rules of University

Q.1 Total MCQs: 10 10 x 1 = 10

1. Flashback phenomenon is associated with
 - a) Khat
 - b) Ecstasy
 - c) LSD
 - d) Peyote
2. An assault is defined under section
 - a) 304 IPC
 - b) 300 IPC
 - c) 351 IPC
 - d) 498 IPC
3. Pond's fracture is seen in
 - a) Children
 - b) Adult
 - c) Adolescent
 - d) Birth trauma
4. Dry burn is caused by
 - a) Hot liquid
 - b) Flame/Hot metal
 - c) UV rays
 - d) Strong acid
5. Age of eruption of first deciduous molar tooth is
 - a) 6-8 months
 - b) 7-9 months
 - c) 12-14 months
 - d) 20-30 months
6. Normal weight of the heart is
 - a) 200-250 gms
 - b) 250-300 gms
 - c) 300-350 gms

- d) 350-400 gms
7. Test for the presence of vaginal cells in the sample collected for investigation of sexual assault is
- Precipitin test
 - Acetate reaction test
 - Lugol's iodine test
 - Barberio's test
8. Overriding of skull bones in a foetus dead in utero, seen radiologically is known as
- Spalding's sign
 - Hegar's sign
 - Robert's sign
 - Chadwick's sign
9. Legally valid age of female for giving consent for sexual intercourse is
- 14 Years
 - 16 Years
 - 18 Years
 - 21 Years
10. Arborescent marks are seen in
- Head injury
 - Thermal injury
 - Lightning injury
 - Electric injury

Q.2 Long Answer Questions (2 x 20 = 40)

- a. Define Ophitoxaemia? Describe the signs and symptoms of Viperidae poisoning? How will you give first aid in such a case? What are the specific lines of management?
- b. After a late night party, a 16-year-old was found in an unfamiliar place, inappropriately dressed, in a drowsy state with inability to recollect events, brought by police for medicolegal examination suspecting sexual assault:
- What are the objectives of examination?
 - What is the general procedure of examination?
 - Give details of local/genital examination.

Q.3 Short Answer Questions (6 x 5 = 30)

- Methods of removal of organs in postmortem examination.
- Grievous Hurt.
- Professional secrecy.
- What is Wallace rule of Nine? Differentiate between antemortem and postmortem burns.
- Postmortem findings in a case of Traumatic Asphyxia.
- Describe the findings around the entrance wound produced by a revolver fired from closed range, stating reason for each.

Q.4 Short Answer Questions (10 x 2 = 20)

- Superfecundation.
- Dichotomy.
- Primary impact injury.
- Abortion stick.
- Body packers.
- Corpus delicti.
- Magistrate inquest.

- h. What is the mechanism and mode of death of cafe coronary?
- i. Delusion.
- j. Caspar's dictum.

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