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Enrolment No.....



Faculty of Science
End Sem Examination May-2024
FS3CO15 Forensic Medicine

Programme: B.Sc. (Hons.)

Branch/Specialisation: Forensic
Science

Duration: 3 Hrs.

Maximum Marks: 60

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

- Q.1 i. The witness is cross examined by opposite party lawyer is asked under section- 1
(a) 143-146 IEA (b) 137-142 IEA
(c) 165 IEA (d) 151 IPC
- ii. In Dying deposition, the culprit is required to be present before the magistrate, the statement is- 1
(a) Has to be present
(b) Presence not required
(c) May present after call by police
(d) None of these
- iii. The time limit of exhumation in India is- 1
(a) 10 years (b) 20 years (c) 30 years (d) No limit
- iv. Choose the features of Antemortem Burns Includes- 1
I. Cherry red color of blood
II. Soot particle in airways
III. Singeing of hair
IV. Pugilistic attitude
(a) Option I and II (b) Option I and IV
(c) Option II and IV (d) All of these
- v. Hair consists of which kind of protein which helps to prevent it from degradation- 1
(a) Cysteine (b) Proline (c) Keratin (d) Both (a) and (c)

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- vi. Which is not the part of incised wound? **1**
 (a) It has tailing of sign
 (b) It is deeper in shape
 (c) It is created by using sharp weapon
 (d) This can use for determination of culprit hand position
- vii. Beneke's techniques is used during post-mortem for the- **1**
 (a) Remove heart from infants
 (b) Open skull in infants
 (c) Remove prostate gland
 (d) Open the body from back
- viii. The term VIRTOPSY is used for- **1**
 (a) Use of Dactylography in Autopsy
 (b) Use of virtual reality in Autopsy
 (c) Use of computed Tomography in Autopsy
 (d) None of these
- ix. Number of primary dentitions found in child are- **1**
 (a) 20 (b) 22 (c) 30 (d) 32
- x. Gustafson's method is used for the determination of age of an individual by means of- **1**
 (a) Days (b) Month (c) Year (d) None of these
- Q.2 i. Describe magistrate inquest and police inquest. **2**
 ii. Write the difference between- dying declaration and dying deposition. **3**
 iii. Write a brief note on various type of incision made on a dead body. **5**
- OR iv. Write a short note on any two: **5**
 (a) Euthanasia (b) Exhumation
 (c) Post-mortem artifacts
- Q.3 i. Describe the importance of documents in criminal cases. **2**
 ii. Describe in detail the handling procedure and identification of buried bodies. **8**
- OR iii. Write in detail the document procedure required at crime scene. **8**

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- Q.4 i. Describe the documentation of death scene. **3**
 ii. Define briefly the asphyxia death with an example. **7**
 OR iii. Define the aging of injuries by making a table according to the changes occur in a body. **7**
- Q.5 i. Write the short notes on the mode, manner and cause of death. **4**
 ii. Insect are very important evidence useful for crime investigation is death case. **6**
 Justify the statement by describing their importance & life cycle.
 OR iii. Define post mortem changes after death in brief. **6**
- Q.6 Attempt any two:
 i. Write a brief note on medico legal importance of odontology. **5**
 ii. Make a dental growth chart of deciduous & permanent tooth. **5**
 iii. Write the importance and procedure of lifting the bite marks from different surface for personal identification. **5**

Marking Scheme

FS3CO15 Forensic Medicine

Q.1	i)	A - 143-146 IEA	1
	ii)	A - Has to be present	1
	iii)	D - No limit	1
	iv)	1 Option A & B	1
	v)	D - Only option 1 & 3	1
	vi)	B - It is deeper is shape	1
	vii)	B - Open Skull in Infants	1
	viii)	D - Use of computed Tomography in Autopsy	1
	ix)	A - 20	1
	x)	C - Year	1
Q.2	i.	Description of both	1 & 1 each
	ii.	Difference of both	1.5 & 1.5 each
	iii.	Various type of incision-3 Introduction incision -2	5
OR	iv.	Short note	2.5 each
Q.3	i.	Documents importance - 4 point	2
	ii.	Handling Procedure & Identification - exhaustion	4, 4
OR	iii.	Complete documents Procedure	8
Q.4	i.	Description of each -5 points	1, 1 & 1 each
	ii.	Introduction & Types of Asphyxia Death	2 & 5
OR	iii.	Injury Introduction & Table of colour changes	2 & 5
Q.5	i.	Short note on- Mode, Manner & Cause of death	1.5, 1.5 & 1
	ii.	Insect Importance in FM & Life cycle of any Insect	3 & 3
OR	iii.	PM Changes (Immediate, Early & Late changes)	2, 2 & 2
Q.6	i.	Medicolegal Importance of Odontology	5
	ii.	Deciduous & Permanent Tooth-diagram	2.5 & 2.5
	iii.	Bite marks importance & Lifting procedure	2.5 & 2.5
