

Enrollment No.....



Faculty of Science
End Sem (Even) Examination May-2022
FS3CO15 Forensic Medicine

Programme: B.Sc. (FS) 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.

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|-----|------|--|---|
| Q.1 | i. | Dying Declaration has been defined under sanction- | 1 |
| | | (a) 32 IEA (b) 44 IPC | |
| | | (c) 293 CrPC (d) 320 IPC | |
| | ii. | In Dying deposition, it is required to present the culprit and victim before the magistrate- | 1 |
| | | (a) Only culprit should be present | |
| | | (b) Only victim should be present | |
| | | (c) Both need to be present | |
| | | (d) None of these | |
| | iii. | Section 304 A IPC is stands for- | 1 |
| | | (a) Death Due to Medical Negligence | |
| | | (b) Sale of noxious food or drug | |
| | | (c) Negligence conduct with respect to poisonous cases | |
| | | (d) Death due to Dowry | |
| | iv. | Which act is not a part of duty of RMP? | 1 |
| | | (a) Duty to notify the certain disease | |
| | | (b) Duties to inform Vital Events | |
| | | (c) Duties under Geneva Convention | |
| | | (d) All of these | |
| | v. | Exhumation is a kind of process by which- | 1 |
| | | (a) The buried body is dig out from the graveyard | |
| | | (b) The dead body is incremented | |
| | | (c) The buried body is examined for identification | |
| | | (d) Decomposed body is purpose of cause of death determination | |
| | vi. | What are the subtype of Abrasion Injury? | 1 |
| | | (a) Linear (b) Graze | |
| | | (c) Contusion (d) Both (a) and (b) are correct | |

P.T.O.

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- vii. What is the Agonal Period? **1**
 (a) This is the time between a lethal occurrence and death
 (b) A time interval after a death
 (c) A Coma stage
 (d) A synchronized form of tripod of life cessation
- viii. The Hypostasis is also known as- **1**
 (a) Cooling of body (b) Colouring of the body
 (c) Post-mortem staining (d) All of these
- ix. The total number of Milk teeth found in a child is **1**
 (a) 20 (b) 32 (c) 22 (d) 30
- x. Boydes method is generally used for- **1**
 (a) Determine the age of a child up to few months after birth
 (b) Determine the age of a child up to few years after birth
 (c) Determine the age of an adult up to few months after in adolescent age
 (d) Determine the age of an adult up to few years in adolescent age
- Q.2 i. Describe the process investigator at the scene of death. **2**
 ii. Define Forensic Medicine and their importance in brief. **3**
 iii. Write in brief about Dying Declaration and Dying Deposition. **5**
 OR iv. Enumerate the criminal courts in India in order. **5**
- Q.3 i. What are the duties of Medical Practitioners with special emphasis on the ethics of RMP? **2**
 ii. Elaborate the process and types of autopsy with suitable diagram. **8**
 OR iii. Write the short notes on Exhumation, Euthanasia and Post-mortem Artefacts. **8**
- Q.4 i. What do you mean buy the term Thanatology and their Forensic Importance? **3**
 ii. Define the Death due to Asphyxia with suitable types, characteristics and figure. **7**
 OR iii. Categorized the several aspects of Injuries with suitable example. **7**
- Q.5 i. Define the Mode and Manner of a death. **4**
 ii. Write the short notes on Hanging. **6**
 OR iii. Describe the type of Drowning by covering all aspect in brief. **6**

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- Q.6 Attempt any two:
- i. Define the importance of Forensic Odontology in Air Crash Cases and Mass Disaster cases. **5**
- ii. Describe the Importance of Long Bones in Personal Identification. **5**
- iii. A human skeleton was found from the burial side, suspected with the homicide- **5**
 (a) What will be the process of an Investigator at the Crime Scene to resolve the case to decipher the cause of death?
 (b) What will be the Importance of Bones in Personal Identity?
 (c) Can the age could be estimated based on bones features.

Marking Scheme

FS3CO15 Forensic Medicines Marking Scheme

Q.1	i.	Dying Declaration has been defined under sanction-	1
		(a) 32 IEA	
	ii.	In Dying deposition, it is required to present the culprit and victim before the magistrate-	1
		(c) Both need to be present	
	iii.	Section 304 A IPC is stands for-	1
		(a) Death Due to Medical Negligence	
	iv.	Which act is not a part of duty of RMP?	1
	v.	Exhumation is a kind of process by which-	1
		(a) The buried body is dig out from the graveyard	
Q.2	vi.	What are the subtype of Abrasion Injury?	1
		(d) Both (a) and (b) are correct	
	vii.	What is the Agonal Period?	1
		(a) This is the time between a lethal occurrence and death	
	viii.	The Hypostasis is also known as-	1
		(b) Colouring of the body	
		(c) Post-mortem staining	
	ix.	The total number of Milk teeth found in a child is	1
		(a) 20	
	x.	Boydes method is generally used for-	1
Q.3		(a) Determine the age of a child up to few months after birth	
	i.	Crime Scene Introduction	2
		Chain of custody and investigation	
	ii.	Explanation on Forensic Medicine	3
		Their importance	
	iii.	Dying Declaration	5
		Dying Deposition	
		Difference between both	
	iv.	Description of court	5
		Criminal courts orders in india	
OR			
Q.3	i.	Duties of Medical Practitioners	2
	ii.	Decryption of autopsy with their type and Medico legal importance	8
		6 marks	

OR	iii.	Figure of any procedure of autopsy	2 marks	8
		Description of Exhumation	3 marks	
		Description of Euthanasia	2 marks	
		Description of Post-mortem Artefacts	3 marks	
Q.4	i.	Thanatology Explanation	1 marks	3
		Their Forensic Importance	2 marks	
		Introduction about Asphyxia	2 marks	
		Different types of Asphyxia	2 marks	
	ii.	Characteristics of Asphyxia	3 marks	7
OR	iii.	Categorized the several aspects of Injuries with suitable example.		7
		Definition of Injury according to IPC section	2 marks	
		Different kind of injuries with suitable wound characteristics		
			5 marks	
Q.5	i.	Description of mode of a death	2 marks	4
		Description of manner of a death	2 marks	
		Description of Hanging	2 marks	
		Different characteristics of several kind of hanging	4 marks	
OR	iii.	Description of Drowning with characteristics	2 marks	6
		Different between ante mortem and post-mortem hanging		
			4 marks	
Q.6	i.	Attempt any two:		5
		Define the importance of Forensic Odontology in Air Crash Cases and Mass Disaster cases.		
		Definition and importance Odontology	2 marks	
		Procedure for identification	3 marks	
		Describe the Importance of Long Bones in Personal Identification.		
		Different kind of long bones	2 marks	
		Important characteristics of long bones useful in personal identification	3 marks	
		Process of an Investigator at the Crime Scene to resolve the case		
			2 marks	
		Importance of Bones in Personal Identity	2 marks	
		Age estimation based on bones features	1 mark	5
