

Forensic Medicine Previous Year Questions with Solutions TO RIALS



Forensic Medicine

Question: 1

Clinical question

A 26-year-old woman is brought dead to the emergency department. On examination, there are multiple crescentic abrasions over the sides of her neck and lower jaw, along with deep bruising of neck muscles on internal dissection during autopsy. The hyoid bone is intact, but a minor haemorrhage is seen in the strap muscles. Which of the following is the most likely cause of death?

Options:

- A) Ligature Strangulation
- B) Mugging
- C) Throttling
- D) Garroting

Correct Answer: C) Throttling

Question 2

Non-clinical question

As per the Protection of Children from Sexual Offences (POCSO) Act, who is legally considered a child under the law for protection against sexual offences?

Options:

- A) Girls under 16 years of age
- B) All children under 16 years of age
- C) All children under 18 years of age
- D) Girls under 18 years of age

Correct Answer: C) All children under 18 years of age

Question 3



Non-clinical question:

Which of the following statements regarding the "Zasko phenomenon" is true?

Options:

- A) It refers to the postmortem clotting of blood
- B) It is used to describe the gaping of a wound along skin tension lines
- C) It refers to the tendon reflex after death
- D) It is used to describe the seeping of blood from wounds at the time of death

Correct Answer: C) It refers to the tendon reflex after death

Question 4

Non-clinical question

A 22-year-old male is found dead in his room. On autopsy, the stomach contents emit a strong garlic-like odour, and red-velvet discolouration of the gastric mucosa is noted, along with greyish granular material resembling pesticide powder. Which of the following is the most likely poison involved?

Options:

- A) Organophosphorus compound
- B) Acute arsenic poisoning
- C) Aluminium phosphide
- D) Carbamates

Correct Answer: B) Acute arsenic poisoning

Question 5

Clinical question

A 16-year-old girl and a 23-year-old boy undergo medical examination following allegations of rape made by the girl's parents. The girl states the sexual act was consensual, and no injuries were found on examination. According to the law, what is the legal status of the consent in this case?

Options:

- A) Consent is invalid as the girl is under 18 years old
- B) No punishment since the act was consensual



C) No punishment since the man says he loves her and wants to marry her

D) Parents must prove that the act was non-consensual

Correct Answer: A) Consent is invalid as the girl is under 18 years old

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