

School of Basic Medical Sciences, Fudan University

The final examination paper of the second term in 2015~2016

Paper A

Course: Forensic Legal Medicine

Code of the course: Med 130239 **Department:** Forensic Medicine

Test type: book-closed **Time:** 8:00-9:30, **Date:** May-31-2016 **Speciality** MBBS

Name: _____ **Number:** _____

Type	Term	One Choice Q	Q & A	Total score
Score				

1. Term (3 points per question, total 30points)

- ① Euthanasia
- ② Apparent death
- ③ Poison
- ④ Defense wound
- ⑤ Laceration
- ⑥ Sudden child death syndrome
- ⑦ Whiplash injury
- ⑧ Death from hanging
- ⑨ Drowning
- ⑩ DNA database

2. One Choice Questions (2 points per question, total 20points)

- 1) The intensity of the poisoning effects doesn't depend on: ()
- A. Dose
 - B. Route of administration
 - C. Drug interactions
 - D. Individual height
- 2) Which is not included in the PCR?
- A. Denaturation
 - B. Annealing
 - C. Renaturation
 - D. Elongation
- 3) Which is not the character of multiplex STR typing system?
- A. to detect many STR loci at once
 - B. to use length polymorphism to discriminate STR loci
 - C. to use sequence polymorphism to discriminate STR loci
 - D. to use colors to discriminate STR loci

- 4)What is not the pathological changes of Asthma? ()
- A. the volume of lung increase
 - B. the bronchi tube is filled with mucus
 - C. the wall of the tube has eosinophils infiltrated
 - D. a large amount of neutrophilic granulocyte effusion in alveolar space
- 5)What is the feature of sudden manhood death syndrome ()
- A. the victims develop well and their nutrition is good.
 - B. the female victim are more than male.
 - C. commonly occurs in adults whose age range is more than 50.
 - D. It's possible to find fatal pathological changes and other causes of death.
- 6)The common characteristic of blunt instrument injury include ()
- A. Accompanied by abrasion and contusion.
 - B. the margin of wound is neat.
 - C. no tissue bridge in wound cavity.
 - D. the deep tissues/organs usually are not damaged.
- 7)Select the wrong opinion about mechanical asphyxia ()
- A. It is necessary for hanging to be produce from a high point of suspension with the feet off the ground.
 - B. Suicidal death by throttling is almost impossible.
 - C. Impaction of the airway by stomach content is frequently seen in drunken persons.
 - D. Diatom testing is the best tool to diagnose drowning when the body is severe decomposed.
- 8)Contre-coup brain contusion usually was caused by ()
- A. decelerating action
 - B. accelerating action
 - C. whiplash action
 - D. accelerating and decelerating action
- 9)Which of the following is not early postmortem changes? ()
- A. Livor mortis
 - B. Putrefaction
 - C. Transformation
 - D. Algor mortis
- 10)What's the most important difference between bullet entrance wound and exit wound?
- A. Abrasion ring
 - B. Powder grains
 - C. Muzzles imprint
 - D. Grease collar

3. Q & A (Please select 5 questions from the following questions, 10 points for each question, total 50 points)

- 1) According to ICD (International Classification of Disease), how many kinds of death causes?
- 2) What is mechanical injury? Describe basic types of mechanical injury according to morphological features.
- 3) Describe the possible mechanisms of death from burning.
- 4) What is forensic biological material? How to collect biological materials from a crime scene?
- 5) What are the main features of Sudden Unexpected Natural Death?
- 6) For suspected CO poisoning case, what do forensic toxicologists need to do?