

SEAT No. _____

[57]

No. of printed pages:02

SARDAR PATEL UNIVERSITY
M.Sc. (Forensic Science) Semester III Examination
Wednesday, 30th December-2020
PS03CFSC23- FORENSIC MEDICINE

TIME-10:00am-12:00pm

TOTAL MARKS- 70

Q1. A. Multiple choice questions

[8]

- 1.) Which one of the following protein is responsible for rigor mortis in body at the time of the death?
 - a) Myosin
 - b) Actins
 - c) a & b
 - d) None of the above
- 2.) In _____ type of hanging, the knot of ligature should be at the nape of the neck.
 - a) Atypical
 - b) Strangulation
 - c) Typical
 - d) None of the above
- 3.) Abrasion injury caused by _____?
 - a) Thorns
 - b) Nail
 - c) Teeth bite
 - d) All of the above
- 4.) When the wound is caused during the defence of self-protection, they are termed as _____.
 - a) Fabricated wound
 - b) Incised wound
 - c) Incomplete wound
 - d) Defence wound
- 5.) In _____ the sexual partners are close blood relatives.
 - a) Sodomy
 - b) Lesbianism
 - c) Incest
 - d) Infanticide
- 6.) The length of radius/length of humerus*100 formula is for
 - a) Brachial index
 - b) Humeral index
 - c) Crural index
 - d) Cephalic index
- 7.) The study of measurement of bones is known as _____.
 - a) Odontology
 - b) Somatoscopy
 - c) Osteometry
 - d) Dactyloscopy
- 8.) Which one of the following is considered as a religion marks?
 - a) Vermillion on the head
 - b) Callosities on knees
 - c) Nose ring on left nasal septum
 - d) All of the above

Q.1. B. State whether True or False.

[16]

1. Neonatal death is the destruction of child in the first month.
2. The strangulation by hand is known as mugging.
3. The type II B drowning is also known as fresh water drowning.
4. The death due to house collapse lies under traumatic asphyxia type of death.

[13]

(P.T.O.)

5. Bruise is form due to an infiltration or extravasations of blood into the tissues.
6. In laceration, the shape of injury is irregular.
7. Yellow color form in bruise injury is due to the haemosiderin pigment.
8. The injury produced due to dry heat are termed as burns.
9. The best suitable time for conducting postmortem is at night.
10. Tribadism is also known as a lesbianism.
11. In Adultery, the lower animals are choosen for the sexual intercourse.
12. In fetichism, the sexual gratification is obtained by wearing attire of opposite sex.
13. Anthropometry is the science in which elements of rocks are studied.
14. The study of teeth for forensic purpose is known as forensic odontology.
15. There are 32 teeth in newborn.
16. The primary teeth is known as permanent teeth.

Q.2. Answer in Brief: (write any seven)

[14]

- 1) What is Burking?
- 2) Enlist various modes of death.
- 3) Differentiate between burns and scalds.
- 4) What are the characteristics of Thermal injury from heat and cold?
- 5) Differentiate between sexual offence and sexual perversion.
- 6) What are the minimum facilities required at post mortem center?
- 7) Explain Exhumation.
- 8) Write down types of teeth.
- 9) How can you determine age from the teeth? Explain it.

Q.3 Write a detail note on Abrasion.

[8]

OR

Q.3 What are changes occurring in Eyes and Skin after death? Explain it.

[8]

Q.4 Describe Hanging in detail.

[8]

OR

Q.4 Write a short note on: a) Color changes and age of a bruise b) Medicolegal significance of bruises.

[8]

Q.5 Write down the purpose of medicolegal post-mortem examination.

[8]

OR

Q.5 Describe in detail unnatural sex offence.

[8]

Q.6 Describe various types of diseases in teeth.

[8]

OR

Q.6 Describe the Age determination from the skeletal bones.

[8]