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**SARDAR PATEL UNIVERSITY**

**M.Sc. Semester –III (Forensic Science) Examination**

**THURSDAY, 27<sup>th</sup> October 2016**

**PS03CFSC03: FORENSIC MEDICINE**

**TIME- 02.00PM - 05.00PM**

**TOTAL MARKS- 70**

**Instructions:**

1. Answer of all the questions (including multiple choice questions) should be written in the provided answer book only.
2. All the questions are compulsory.
3. Figures to the right indicate maximum marks of the questions.

**Q-1 Multiple Choice Questions:**

**(8)**

1. In \_\_\_\_\_ wound, depth is greatest dimension.  
(a) Abrasion (b) Stab  
(c) Laceration (d) Incised
2. Supply of current in ordinary household is \_\_\_\_\_ cycles/second.  
(a) 50 (b) 60  
(c) 80 (d) 100
3. When the neck is compressed between two bamboo sticks, it is known as \_\_\_\_\_.  
(a) Café Coronary (b) Harakiri  
(c) Falaka (d) Bansdolla
4. Tardieu's Spots may be present on \_\_\_\_\_, in case of hanging.  
(a) Forehead (b) Limbs  
(c) Mouth (d) Fingers
5. In an average adult, post mortem glycogenolysis produces up to \_\_\_\_\_ calories.  
(a) 120 (b) 130  
(c) 140 (d) 150
6. \_\_\_\_\_ means authorized digging out of a buried dead body from the grave.  
(a) Excavation (b) Exhumation  
(c) Excoriation (d) Extortion
7. Sphenoid is a \_\_\_\_\_ bone.  
(a) Pneumatic (b) Angular  
(c) Irregular (d) Short bone
8. \_\_\_\_\_ is not a type of teeth.  
(a) Molar (b) Canine  
(c) Incisor (d) Stapes

**Q-2 Answer in Brief: (Any 7)**

**(14)**

1. What do you mean by shifting of Bruise?
2. Explain Counter - Coup Fracture.
3. Write any two internal findings in case of Strangulation.
4. What do you mean by Burking?
5. Give the medicolegal definition of Death.
6. What is Adepercere Formation?
7. Give the formulas for Cephalic Index and Intramembral Index.
8. What do you mean by Ossification of Bones?
9. List out the different Racial Groups.

**Q-3(A) Write a short note on Incised Wound.**

**(06)**

**(B) Give Wilson's modified classification of burn injuries and state any three factors influencing burn injuries**

**(06)**

**OR**

**(B) Explain Injuries and their interpretation in Vehicular Accident Cases.**

**(06)**

**Q-4(A) Describe the post mortem appearance in case of Hanging.**

**(06)**

**(B) Explain the methods adopted for inducing Criminal Abortion.**

**(06)**

**OR**

**(B) Write a short note on Drowning.**

**(06)**

**Q-5(A) Write a short note on Post Mortem Staining.**

**(06)**

**(B) Explain in detail Immediate Changes after Death**

**(06)**

**OR**

**(B) Explain the factors influencing Cooling of a Dead Body.**

**(06)**

**Q-6(A) Write a short note on Sex Determination from Bones.**

**(06)**

**(B) Classify the Human Skeletal System.**

**(06)**

**OR**

**(B) Give the Karl-Pearson's Formula for different races (Male).**

**(06)**