

1. Name the bones that contain PARANASAL SINUSES and explain the functions of these sinuses. (10%)
2. Give the ORIGIN, INSERTION and FUNCTION for each of the following muscles: (9%)
a. SARTORIUS b. GASTROCNEMIUS c. BICEPS BRACHII
3. State the names and number of pairs of SPINAL NERVES. State the part of the body supplied by the: PHRENIC NERVES, RADIAL NERVES, SCIATIC NERVES. (10%)
4. Describe the anatomy and action of the PARATHYROID GLANDS. (8%)
5. State the locations of ARTERIAL PRESSORECEPTORS and CHEMORECEPTORS, what they detect, and their sensory nerves. (10%)
6. State the part of the body supplied by each of the following arteries: (10%)
a. FEMORAL b. HEPATIC c. INTERNAL CAROTID
d. EXTERNAL CAROTID e. SUBCLAVIAN
7. Describe the location of the SPLEEN and explain its functions. If the spleen is removed, what organs will compensate for its functions? (10%)
8. Describe the pathway of blood flow through the KIDNEY from ABDOMINAL AORTA to the INFERIOR VENA CAVA. (12%)
9. Describe the parts and general functions of the LARGE INTESTINE. What is the function of the ileocecal valve? (10%)
10. Explain how the structure of CAVERNOUS TISSUE permits erection of the PENIS. Name the structures that bring about ejaculation. (11%)