
Answer any FIVE Questions All Questions carry equal marks

1. What are the different bones of the lower limb? Describe the femur and the tibia?
2. Explain the functional concept of the Human body in detail?
3. Describe the basic functions of nervous system that are necessary to maintain homeostasis?
4. Describe the retinal processing of visual input to the brain.
5. (a) Discuss the coronary circulation? Explain semilunar valves?
(b) What are the autorhythmic fibres? Discuss about the conduction system of heart with a neat sketch.
6. Define reproduction and classify the organs of reproduction.
7. Describe the location of the stomach? Briefly explain the anatomical features of the stomach?
8. Write a short notes on:
 - (a) Renal failure
 - (b) Nephron.
