

FIRST YEAR BLOCK

SCHOOL 53.

ANATOMY, PHYSIOLOGY & HYGIENE EXAMINATION

3rd December, 1962

Allow 2½ Hours

IMPORTANT - Read your questions carefully.
Answer only what is asked as no marks
Will be given for irrelevant material.

1. A. Show the parts of the stomach by means of a well labelled diagram. 5 marks. ✓
 B. Name the arteries via which blood reaches the stomach from the heart. 3 marks. ✓
 C. List three (3) important chemical functions of the stomach. 3 marks. ✓
2. A. What is the structure of a synovial joint? 5 marks. ✓
 B. Explain the movements flexion and extension. 2 marks. ✓
3. Name four (4) important functions of each of the following:-
 A. The liver ✓
 B. The blood ✓
 C. The pancreas. ✓ 12 marks. ✓
4. Where are the following structures found in the body.
 A. Parotid glands ✓
 B. Ampulla of Vater ✓
 C. Broad ligament ✓
 D. Eustachian tubes ✓
 E. Mitral valve. ✓ 5 marks.
5. A. Show by diagram the macroscopic structure of the kidney! 2 marks.
 B. What is a nephron. Illustrate same. 3 marks.
 C. Discuss the formation of urine. 6 marks.
6. Write brief notes on:-
 A. Internal respiration ✓
 B. Saliva ✓
 C. Common bile duct. 12 marks.
7. What measures should a nurse take to ensure adequate care of her hands and feet. 10 marks.
8. Name a hormone which plays a part in:-
 A. Skeletal growth
 B. Rise of blood pressure
 C. Calcium metabolism
 D. Reabsorption of water from renal tubules.
 E. Secondary sex characteristics in the male. 5 marks.
9. Give the position and function of the thoracic duct. 5 marks.
10. List two (2) functions of:-
 A. The diaphragm 2 marks.