

3794-30

PRELIMINARY TRAINING SCHOOL

ANATOMY AND PHYSIOLOGY EXAMINATION

1st March, 1962

Time allowed: 1 hour

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

All questions to be answered.

1. (a) Describe the digestion, absorption and utilization of carbohydrates. 6 Marks.
(b) What are the waste products of carbohydrate metabolism, and how are they excreted from the body. 4 Marks.
2. Draw a diagram of the stomach and label clearly. 5 Marks.
3. Describe briefly the flow of blood through the heart. 10 Marks.
4. (a) What is the action of the diaphragm during respiration. 4 Marks.
(b) Describe internal respiration. 6 Marks.
5. Give 5 functions of the liver. 5 Marks.
6. (a) Draw a diagram of the kidney showing its macroscopic structure. 5 Marks.
(b) What is the normal composition of urine. 5 Marks.