

2056
B. Voc. (Medical Lab Technology)
Second Semester
BMLT-203: Basic of Physiology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Write short note on:-

- a) What is balanced diet?
- b) Name two functions of lymph.
- c) What is R.E. system?
- d) Discuss Spleen (4x2)

UNIT – I

- II. a) Classify nutrients with examples.
- b) Explain functions of vitamins. (2x4)
- III. Explain digestion and absorption of food in human body. (8)

UNIT – II

- IV. a) Describe types of body fluids and their functions.
- b) Explain structure and functions of lymph node. (2x4)
- V. Explain cardiac cycle and regulation of heartbeat. (8)

UNIT – III

- VI. Explain transport of O₂ and CO₂ in detail. (8)
- VII. Explain skeletal muscle contraction with suitable diagram. (8)

UNIT – IV

- VIII. a) Describe structure of neuron.
- b) Explain resting membrane potential. (2x4)
- IX. Explain endocrine glands and functions of thyroid and adrenal hormones. (8)

x-x-x