

2072

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) Salwa
- b) Cardiac cycle
- c) Gametogenesis
- d) Neuromuscular junction

(4x2)

UNIT - I

- II. Discuss the digestion and absorption of carbohydrates and lipids in food. (8)
- III. Describe the structure and function of skin. (8)

UNIT - II

- IV. Discuss briefly:-
 - a) Composition formation and functions of lymph
 - b) Cardiac output(2x4)
- V. Describe the process of urine formation. (8)

UNIT - III

- VI. Describe briefly:-
 - a) Bohr's effect
 - b) Oxygen dissociation curve(2x4)
- VII. Write short notes on:-
 - a) Contractile elements of muscles
 - b) Structure and functions of tests(2x4)

P.T.O.

(2)

UNIT - IV

VIII. Describe briefly:-

- a) Synapse, R.M.P.
- b) Structure and function of hormones of adrenal gland (2x4)

IX. Explain:-

- a) Hormones of pancreas
- b) Hormones of kidney (2x4)

x-x-x