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BACHELOR OF PHYSIOTHERAPY (B. P. T.)

EXAMINATION : MARCH- 2023

FIRST YEAR

Subject: Human Physiology (BPT- 21102)

Date: 03/03 /2023

Total Marks: 80

Time: 10.00 am to 1.00 pm

SECTION – A

Q.1 Answer the following questions in short (Any five) (15)

- a. Acromegaly
- b. Functions of middle ear
- c. Primary active transport
- d. Myxedema
- e. Functions of Saliva
- f. Functions of kidney

Q.2 Answer the following questions (Any Five) (35)

- a. Functions of reproductive hormones
- b. Synapse and its properties
- c. Anti Diuretic Hormone
- d. Oxygen dissociation curve
- e. Cardiac cycle
- f. Describe shock in detail

SECTION – B

Q.3 Answer the following questions in detail (Any one) (15)

- a. Draw a neat labeled diagram of Neuro Muscular Junction. Describe the process of NeuroMuscular Transmission. Add a note on Myasthenia Gravis.
- b. Describe in detail about various Cardio-respiratory changes during moderate exercise

Q.4 Answer the following questions in detail (Any one) (15)

- a. Define blood pressure, its determinants and describe about long term regulation of blood pressure
 - b. Describe functions of spinal cord? Describe the stages of spinal shock. Add a note on Brown Sequard Syndrome.
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