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BACHELOR OF PHYSIOTHERAPY (B. P. T.)

A

EXAMINATION : JUNE - 2023

FIRST YEAR

Subject: Human Physiology (BPT- 21102)

Date: 06/06/2023

Total Marks: 80

Time: 2.00 pm To 5.00 pm

SECTION – A

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

- Physiological dead space
- Functions of kidney
- Classificaion of Reflexes
- Acromegaly
- Homeostasis
- Decscribe muscle tension

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

- Cardiac cycle
- Anti Diuretic Hormone
- Mechanism of Respiration
- Functions of reproductive hormones
- ECG as seen in Lead 2
- Describe in detail about Resting Membrane Potential

SECTION – B

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

- What are the energy sources used during muscle contraction? Describe the molecular mechanism of muscle contraction. Add a note on Myasthenia Gravis.
- Define blood pressure, its determinants and describe about long term regulation of blood pressure.

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

- Enumerate the descending tracts. Describe the pyramidal tract. What are the effects of its lesions at various levels?
 - Describe in detail about various Cardio-respiratory changes during moderate exercise.
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