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EXAMINATION : APRIL- 2022 FIRST YEAR

Subject: Human Physiology (BPT-21102)

Date: 06/04/2022 Total Marks: 80 Time: 10.00 am to 1.00 pm

SECTION – A Answer the following questions in short (Any five) (15)**Q.1** Endoplasmic Reticulum a. b. Draw a labelled Diagram of Neuro-Muscular Junction. Write a short note on Vegal tone and its importance c. d. Explain the Facilitated defusion and factors affecting on it Draw a labeled Diagram of Cardiac Action potential with its phases e. f. Babinskies sign **Q.2** Answer the following questions (Any Five) (35)Erythroblastosis Fetalis, its Prevention and Treatment a. b. Write a short note on shock with its classification and treatment of haemorrhagic shock Draw a Papez Circuite, and mansion the functions of limbic system c. d. Expalin the JG Apparatus and its importance. e. Define Resting Membrane Potential and Enumerate the factors responsible for it. f. Enumerate the anterior pituitary hormones add a short note on Oxytocine SECTION – B (15)Q.3 **Answer the following questions in detail (Any one)** Define Cardiac output Explain the factors affecting on Cardiac Output Add a note on Coronary Circulation Explain the Cardiac Failure and its Treatment b. Explain a neural Regulation of respiration with applied aspects. **Q.4** Answer the following questions in detail (Any one) (15)Explain a Dorsal Column Medial Lemniscal System in detail Add a note on Brown Sequard Syndrom Define and explain in detail a Muscle Tone with alfa-gama linkage b. Add a note on upper and lower motor lesion palsy.

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