



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 2nd Semester Examination, 2021

CC3-PHYSIOLOGY

Full Marks: 40

ASSIGNMENT

The figures in the margin indicate full marks.

Attempt any two from the following

20×2 = 40

1. Discuss the ionic basis of excitation and conduction of impulse through nerve. 20
2. Classify receptor as per their function. Discuss the mechanism of excitation of receptor and justify the role of receptors of biological transducer. 10+10
3. Discuss different types of structural and chemical changes of the muscle during excitation and contraction. 20
4. Classify neurotransmitter. Discuss the mechanism of transmission of nerve impulse through synapse. Discuss the mechanism of development of IPSP. 7+8+5

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