

School of Basic and Applied Sciences

Biological Science

ETE - Jun 2023

Time : 3 Hours

Marks : 100

Sem II - C2UA201B - Human Physiology II

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. What is the excitatory synaptic potentials and inhibitory synaptic potential ? K1 CO1 (5)
2. Classify the different type of neurotransmitter? K1 CO1 (5)
3. Give an account of different parts of human brain? K2 CO2 (5)
4. Do you understand about the microscopic structure of sarcomere? Explain with diagram. K2 CO2 (10)
5. Analyze the reason of Auditory defects? Describe in details. K3 CO3 (10)

OR

- Describe about the causes of Monochromatism, Dichromatism, Trichromatism ? K3 CO3 (10)
6. Explain about the electrical event during sound transduction? K3 CO3 (10)
 7. How to analyze the action, regulation and secretion of mineralocorticoids ? K4 CO4 (10)
 8. Describe the actions and regulation of secretion of growth hormone ? K4 CO4 (15)
 9. Describe about the photosensitive pigment of rod and cone cells. K3 CO3 (15)
 10. Explain the functions and regulation of secretion of parathormone. K4 CO4 (15)

OR

- Discuss about the mechanism of hormone action K4 CO4 (15)