

OLABISI ONABANJO UNIVERSITY
DEPARTMENT OF BIOCHEMISTRY
IN-COURSE CONTINUOUS ASSESSMENT
TIME ALLOWED: 1 HOUR
DATE: FRIDAY, 2ND MAY, 2014
BCH 316: NEUROTRANSMITTERS

INSTRUCTION: Answer three (3) questions only.

- (1) (a) Describe a Neuron
(b) Describe the stages in neurotransmission at the synapse.
(c) How is Action Potential generated?

- (2) (a) What is a neurotransmitter?
(b) Write short notes on Excitatory and Inhibitory Neurotransmitters. Give 2 examples each.
(c) Some neurotransmitters can be both excitatory and inhibitory. Name 2 examples. How do they perform both functions.

- (3) Write short notes on
(a) Schizophrenia
(b) Parkinson Disease
(c) Alzheimer's Disease.
(d) Schizophrenia
(e) Neurosis

- (4) Write short notes on
(a) Neurotoxins
(b) Addiction
(c) State the effects of drugs on five (5) named neurotransmitters

Inhibitory → GABA