

BOWEN UNIVERSITY
DEPARTMENT OF PHYSIOLOGY
COLLEGE OF HEALTH SCIENCES

300 LEVEL B.Sc. EXAMINATION
Second Semester, 2018/2019 SESSION

NEUROPHYSIOLOGY I - PHS 326

DATE: 28th May, 2019

TIME: 3 Hours.

INSTRUCTIONS:

- Answer all questions
- Write your matriculation number clearly on every page of the answer booklet

1. Write an essay on the Autonomic Regulation of the bladder (20 mks)
2.
 - i. Describe the basic organization of the nervous system with the aid of a diagram (10 mks)
 - ii. Briefly discuss the physiology of neuromuscular junction (10 mks)
 - iii. Compare and contrast the parasympathetic and sympathetic nervous systems (10 mks)
3. Write an essay on the physiology of skeletal muscle contraction (20 mks)
4.
 - i. Present in a tabular form, the characteristics of the following tissues; skeletal, smooth and cardiac muscles (10 mks)
 - ii. Write a short note on nerve regeneration (10 mks)
 - iii. Write a short note on receptor physiology (10 mks)