

# **ALUPE UNIVERSITY COLLEGE**

**OFFICE OF THE DEPUTY PRINCIPAL, ACADEMIC, STUDENT  
AFFAIRS AND RESEARCH**

**UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR**

**SCHOOL OF HEALTH SCIENCES**

**END OF SEMESTER 1 EXAMINATIONS**

**COURSE CODE: - PBT 117**

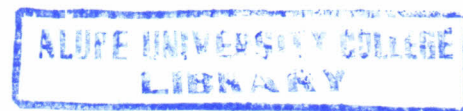
**COURSE TITLE: - INTRODUCTION TO PHYSICAL THERAPY**

**PROGRAM: - PHYSICAL THERAPY**

**YEAR OF STUDY: - ONE (1)**

**DATE: 13TH DECEMBER 2017**

**TIME: 2.00 PM – 5.00 PM**



## SECTION A: SHORT ANSWER QUESTIONS (SAQs) (48 MARKS)

### ANSWER ALL QUESTIONS IN THIS SECTION

Q1. During a lecture to first year students at Alupe University one of the lecturers enumerated about what perfect bodily health and function must have. Mention and explain each factor he gave. (6 marks)

Q2. In a tutorial group students discussed the main aims of rehabilitation for patients with nerve injury. What did they mention in there discussion? (6 marks)

Q3. Muscles are structures for accomplishing mobility of the body. Mention where the ends of the muscles are attached in the body. (6 marks)

Q4. Explain the functions of sensory ending and sympathetic fibers in the body (6 marks)

Q5. Explain how skeletal muscles are named in anatomy (6 marks)

Q) 6. During physiotherapy lecture it was emphasized by the facilitator that it is important to be sure that the patient's source of energy is right. ATP was expressed as the currency of the body energy. Enumerate the various reactions that require ATP in human body. (6 Marks)

Q) 7. Explain the following terms in relationship to the source of energy for body activities. (6 Marks)

- i. Glycogenolysis
- ii. Glycolysis
- iii. Glyconeogenesis



Q) 8. Medical research councils of UK Use motricity index to assess mm strength. Explain how this is done on a six-point ordinal scale. (6 Marks)

## **SECTION B: LONG ESSAY QUESTIONS (22 MARKS)**

### **ANSWER ONLY ONE QUESTION FROM THIS SECTION**

Q1. Physiotherapy is care and services provided by or under the direction and supervision of a physical therapist. Discuss what this care and services provided by a physical therapist entail (22marks)

Q2. i) Explain what the complex neural network is involved in within the body. (5 marks)

ii) Mention and explain any causes of nerve injuries (10 marks)

iii) Discuss the classification of nerve injuries (7 marks)

(Total – 22 marks)

Q) 3. Before engaging a patient in physical activities it is important to observe the fundamental starting position.

i. Describe those starting positions. (10 Marks)

ii. Describe the anatomical position. (10 Marks)

iii. What is the importance of anatomical position? (2 Marks)

