

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
SCHOOL OF HEALTH TECHNOLOGY,
BIOMEDICAL TECHNOLOGY
ISSUES IN REHABILITATION TECHNOLOGY (BMT 586)
RAIN SEMESTER EXAMINATION

2hr .30mins

17-09-2012

Answer each section in a separate answer booklet. Choose a total of six (6) questions; three (3) from each section

Section A: Answer any three (3) in this session

1. Define and briefly explain the followings

(a) Physiotherapy (b) Rehabilitation (c) Speech therapy (e) Psychotherapy

2. (a) List and briefly discuss any 10 role of a physiotherapist in any setting/organization.

(b) List and briefly discuss the role of any 5 professionals in a Rehabilitation team

3. (a) List any 2 types and uses of Diathermy you know in Medicine

(b) (i)List any 2 types Ultra sound rays use in Medicine

4. (a) Define physical fitness with reference to World Health Organization.

(b) List and briefly discuss 5 components of physical fitness

(c) (i)Which of the component is the GOLD standard for the assessment of physical fitness,
(ii) state its unit of measurement

Section B: Answer any three (3) in this session

1. (a) Define Rehabilitation Engineering

(b) Team working in rehabilitation in rehabilitation engineering is essential. Discuss

2. (a) What are the services of rehabilitation nursing

(b). Write short note on speech therapy

3. (a) Define Orthotics

(b). What is the overall goal of orthotics

(c) Outline five (5) indications for orthotics

4. (a) Explain the term Prosthesis

(b) Write a short note on Tissue Engineering