

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI.

SCHOOL OF HEALTH TECHNOLOGY.

BIOMEDICAL TECHNOLOGY.

2013/2014 RAIN SEMESTER EXAMINATION.

BMT 586 ISSUES IN REHABILITATION TECHNOLOGY.

ANSWER ANY 5 QUESTIONS. HOURS: 3.00

- 1a) Define rehabilitation engineering
- b) What are the functional areas that are addressed through rehabilitation engineering?
- 2a) Explain why team working is essential in rehabilitation
- b) Mention any 5 professional team workers that are responsible for rehabilitation
- 3a) Define rehabilitation nursing
- b) What are the services of rehabilitation nursing
- 4a) Define speech therapy
- b) Explain how speech therapy can be used to manage any speech disorder you know
- 5a) Define orthosis
- b) What is the overall goal of orthosis
- c) Outline 5 indications for orthosis
- 6a) Define prosthesis
- b) Explain the uses of prosthesis
- 7) Write short note on, (a) An implant, (b) Tissue engineering