



University of Fort Hare
Together in Excellence

Programme: BSc in Speech-Language Pathology

Department: Rehabilitative studies

Faculty of Health Sciences

East London Campus

**1st SEMESTER SUPPLIMENTARY EXAMINATION:
JUNE 2023**

Aphasia and Cognitive Based Disorders

TIME: 3 HOURS

CODE: ACB 311 E

MARKS: 100

THIS EXAMINATION PAPER CONSISTS OF 4 PAGES INCLUDING THIS PAGE

EXAMINERS

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Dr. B. Pillay

INSTRUCTIONS

1. Please read the questions carefully.
2. Answer all questions
3. This paper has section 1, 2 & 3
4. Answer each section in a new page.

SECTION A – TRAUMATIC BRAIN INJURY

QUESTION 1

1.1 CASE STUDY

Mr Bubu from Khayaletsha is 38 years old. He was admitted late at night for a closed head injury, at the hospital after a motor vehicle accident. The accident was a head-on collision with another car on a busy main road. He is referred to you by the neurologist two days after he emerged from a coma.

He was an owner of a spaza shop in the township. He is not formally educated, however, it is reported that he was a relatively successful businessman who managed the business with the help of his wife and son.

It is also reported that Mr. Bubu enjoyed alcohol with his friends after work and on weekends.

A CT Scan revealed frontal and occipital hemorrhagic contusions and diffuse axonal shearing. Mr Bubu remained in a semi-comatose state for 3 months during which time in-depth assessment could not be done. On regaining consciousness, a comprehensive assessment was conducted over several sessions. Findings included:

The nurses report that Mr Bubu:

- Communication shows wrong word choices.
- poor sentence structure
- paraphasia/ neologisms and
- perseveration
- Effortful, telegrammatic speech
- Intact comprehension but difficulty reading out loud.
- Absence of functional words and difficulty following long grammatical complex instructions.

Physical

- Right-sided hemiplegia
- Visual difficulties are suspected although the exact severity is unclear.

The Glasgow Coma scale score was 8.

1.1 Discuss your assessment of Mr. Bubu's communication difficulties (there are two overall areas of deficit).

(10)

1.2 Comment on the reported pre-morbid characteristics of this client based on what is known about the TBI population. (5)

1.3 How severe was the head injury? Justify your answer. (5)

2.4 Describe your treatment plan for Mr. Bubu. Also, highlight any challenges you may experience in therapy. (15)

2.5 What multidisciplinary recommendations would you give for Mr. Bubu? Provide a rationale to motivate your answer. (5)

1.2 How would you explain to the family the cognitive communication deficits that a TBI patient may exhibit? Provide a short description of the characteristics thereof. (10)

1.3 The nurse is confused as to why the patient is irritable and emotional. The medical team is referring the patient for assessment by a psychiatrist for treatment of disinhibition and depression. How would you elaborate on the reason for the diagnosis? Write short notes for her on social/emotional problems in TBI (10)

TOTAL FOR SECTION A (60)

SECTION B – APHASIA

QUESTION 2

2.1 Explain basic treatment targets that you will include for a patient with Traumatic Brain Injury (10)

2.2 Discuss the importance of Group therapy for individuals with TBI (10)

(20)

TOTAL FOR SECTION B

SECTION C- RIGHT HEMISPHERE COGNITIVE COMMUNICATION DISORDER (RHCCD)& DEMENTIA

QUESTION 3

3.1 Outline the strategies employed to treat impaired attention in RHCCD. (5)

3.2 Discuss treatment strategies for people with dementia (15)

TOTAL FOR SECTION C

(20)