



**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(MMUST)**

**MAIN CAMPUS  
UNIVERSITY EXAMINATIONS  
2021/2022 ACADEMIC YEAR**

**SECOND YEAR FIRST TRIMESTER EXAMINATION**

**FOR THE DEGREE  
OF**

**BACHELOR OF SCIENCE CLINICAL MEDICINE, COMMUNITY HEALTH &  
SURGERY**

**COURSE CODE: HCM 410**

**COURSE TITLE: MENTAL HEALTH & DRUG SUBSTANCE  
ABUSE**

**MAIN PAPER**

**DATE: THURSDAY 21<sup>ST</sup> APRIL 2022**

**TIME: 2:00-5:00 PM**

**INSTRUCTIONS TO CANDIDATES**

SEC A: Multiple Choice Questions (MCQ)

20 MARKS.

SEC B: Short Answer Questions (SAQ)

40 MARKS.

SEC C: Long Answer Question (LAQ)

40 MARKS

**Time: 3 HOURS**

**MMUST observes ZERO tolerance to examination cheating**

*This Paper Consists of 5 Printed Pages. Please Turn Over.*

## Section A: Multiple Choice Questions

20 marks

1. **When working in a therapeutic milieu, the clinician should**
  - A. Make treatment decisions for the client
  - B. Deal with inappropriate behaviors they occur
  - C. Ignore inappropriate behaviors so as not to reinforce them
  - D. Encourage the clients to rely on the treatment team for resolutions of conflict
2. **The factors that contribute most to cohesive teamwork on the treatment team are**
  - A. Shared philosophies on therapeutic milieu and behaviour
  - B. Adequate certification and experience of all team members
  - C. Abilities to avoid conflict and set treatment time tables
  - D. Mutual trust and communication
3. **Concerning classification in psychiatry**
  - A. Psychiatric classification ensures validity of diagnosis.
  - B. It improves reliability of diagnosis.
  - C. The term psychosis was coined by William Cullen.
  - D. Neurosis was coined by Ernst Von Feuchtersleben
  - E. DSM-IV-TR does not use multi-axial system.
4. **Concerning culture and psychopathology**
  - A. Culture does not influence the expression of symptoms.
  - B. Depression is a culture bound syndrome
  - C. Peter is also known as shrinking penis
  - D. Brain fog syndrome is not a culture bound syndrome
5. **The following are motor disorder symptoms EXCEPT**
  - A. Stereotypic Movement
  - B. Waxy flexibility
  - C. Rigidity
  - D. Illusions
6. **The following are disorders of thought EXCEPT**
  - A. Delusions
  - B. Phobias
  - C. Obsessions
  - D. Hallucinations.
7. **Concerning history taking in Psychiatry**
  - A. Informant(s) report is not necessary.
  - B. Assessment should be carried out in an undisclosed setting
  - C. Confidentiality issues is not important
  - D. Past medical history is not important
  - E. Demographic data is an important part.
8. **Mental state examination include the following EXCEPT**
  - A. Appearance
  - B. Thought
  - C. Cognition
  - D. Diagnosis.

9. The following is NOT true of normal sleep
- A. NREM is associated with increased muscle tone
  - B. NREM is a component
  - C. REM is a component
  - D. NREM has four stages
10. The following are parasomnia EXCEPT
- A. Nightmare disorder
  - B. Night terror disorder
  - C. Narcolepsy
  - D. Sleep paralysis
11. Concerning Delirium
- A. Consciousness is not altered.
  - B. Agitation is not a feature.
  - C. Vitamin deficiency is not implicated.
  - D. Management is usually based on primary cause.
12. Which is correct about Dementia
- A. Confusion is the core feature
  - B. Confabulation is a symptom
  - C. Head trauma is not an aetiological factor
  - D. Alzheimer's disease is not a cause of dementia
  - E. Pharmacological agents reverse the cognitive deficits.
13. Depressive disorders; the following is a feature
- A. Anhedonia
  - B. Optimistic thinking
  - C. Perceptual disturbances
  - D. Normal attention and concentration
14. The following are sub types of depression EXCEPT
- A. Mild depressive disorder
  - B. Moderate depressive disorder
  - C. Severe depressive disorder
  - D. Profound depression
15. Concerning obsessive compulsive disorder
- A. Obsessional thoughts are always followed by a compulsive act.
  - B. Abnormality of serotonergic function may be implicated.
  - C. Psychotherapy is not a treatment modality
  - D. No evidence of Genetic predisposition.
16. The following are psychological features of anxiety EXCEPT
- A. Irritability
  - B. Impaired concentration
  - C. Palpitation
  - D. Insomnia
17. Match the following
- |                                 |                      |
|---------------------------------|----------------------|
| A. Structural model of the Mind | Erik Erikson         |
| B. Psychosexual theory          | Harry Stack Sullivan |
| C. Psychosocial theory          | Sigmund Freud        |
| D. Cognitive Development Theory | Jean Piaget          |
18. Which is not a Stage of Cognitive Development Theory
- A. Oral stage

- B. Sensorimotor state
  - C. Pre-operational stage
  - D. Formal operational stage
19. Concerning conversion disorders
- A. Primary gain is a feature
  - B. The symptoms are deliberate
  - C. Physical and Laboratory investigations not necessary
  - D. It is not an ICD – 10 diagnosis
20. The following is True of Othello Syndrome EXCEPT
- A. Otherwise called delusion of jealousy
  - B. Commoner in males
  - C. Alcoholism could be a risk factor
  - D. Separation is discouraged

**Section B: Short Answer Questions**

**40 marks**

1. Outline **five** aims of conducting occupational therapy to mentally ill patients (5 marks)  
(5 marks)
2. Explain **five** characteristics of Narcissistic personality disorder  
(5 marks)
3. Outline **five** theories that explain the causes of Depression  
(5 marks)
4. Outline **five** Subtypes of schizophrēnia  
(5 marks)
5. Explain **five** forms of somatoform disorders  
(5marks)
6. Outline **five** extrapyramidal side effects  
( 10 marks )
7. Discuss five ways of minimizing drug use and abuse at the community level ( 10 marks )

### Section C: Long Answer Questions

40 Marks

#### Questions One

Mrs Peterson has been brought to the outpatient department where you are working as the primary clinician in-charge. A diagnosis dementia is made following initial physical and history assessment.

- a) Define the term dementia
- b) Outline four forms of dementia
- c) Describe the general management of Mrs.Peterson

1 marks

4 marks

16 marks

#### Questions two

Joan age 7 years old a kindergarten pupil has been diagnosed with attention-deficit hyperactivity disorder.

- a) Outline four courses of (ADHD)
- b) Discuss the general management that Joan will receive

4 marks

16 marks