



**FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA
FINAL EXAMINATION FOR MEDICAL DEGREES
PSYCHIATRY PAPER 1**

25th NOVEMBER 2016

(1.00 – 3.30pm) 2 1/2 hours

Answer all 5 questions.

Answer each part in a separate answer book.

1. A 25- year- old female who delivered a baby by Caesarian section 5 days ago was referred to psychiatry services due to abnormal behavior. She had poor sleep, irritability and episodes of thoughtfulness for last three days. Nurses have noticed that she was refusing to breast feed and was neglecting her baby.

On examination she was agitated, perplexed and said the ward staff has injected poison to her and therefore she feared her baby would die if breastfed.

1.1. What is the diagnosis? (10 marks)

1.2. Give reasons for your diagnosis. (10 marks)

1.3. Outline your risk assessment. (15 marks)

1.4. Describe briefly the acute management of this patient. (40 marks)

1.5. How would you educate her regarding future pregnancies? (25 marks)

2. A 17- year- old boy was brought by his parents to the psychiatry clinic due to recent decline in school performance.

2.1 Write **four (4)** possibilities for his recent decline in school performance. (20 marks)

His assessment revealed that he was a methodical boy and did perform well, before eight months. Currently he needs to rewrite the notes even if there is a small mistake. At home he is repeatedly checking doors, windows and electric appliances to ensure safety.

2.2. Describe the psychopathology of this condition. (20 marks)

2.3. Write **two (2)** possible co-morbidities of this condition. (10 marks)

2.4. Outline the pharmacological management of this patient. (25 marks)

2.5. Write the steps in one of the non- pharmacological methods to manage this patient. (25 marks)

3.

3.1. Write **four (4)** features of alcohol dependence. (20 marks)

A 62- year- old retired bank officer was treated in the psychiatry ward for alcohol withdrawal. He is ready for the discharge. He tells the doctor that he is determined to stop drinking.

3.2. Name **one (1)** psychological intervention you would use to help him. (10 marks)

3.3. Briefly describe the steps of the above mentioned intervention in 3.2. (25 marks)

3.4. Write **two (2)** measures which will help to prevent relapses. (20 marks)

3.5. His wife tells the doctor that her husband had promised to stop drinking many times in the past but never did it. She requests the doctor to prescribe him a medication without his knowledge to make him stop drinking. How should the doctor respond? (25 marks)

4. A 40- year-old businessman was brought to the psychiatry clinic by his wife. He has donated money allocated for his employee's salary to a charity saying that God asked him to do so and insisted that his employees should work free. He had narrowly escaped from an accident while driving fast and visited the bank to mortgage his house to start a new business in America. He had four similar episodes during past ten years, each following stopping treatment due to excessive sedation.

4.1. What is the most probable diagnosis? (10 marks)

4.2. List **four (4)** other symptoms you would expect to find in this patient. (20 marks)

4.3.1. What is the appropriate setting for his immediate management? (05 marks)

4.3.2. Give your reasons for the decision in 4.3.1 (15 marks)

4.4.1. List **two (2)** medications **from two different groups** you would use to treat him. (10 marks)

4.4.2. Mention **one (1)** main side effect of each of the medications listed in 4.4.1 (10 marks)

4.5. Outline the relapse prevention plan for this patient. (30 marks)

5. A 10- year- old school boy was referred to Child Psychiatry Clinic from School Medical Inspection. The class teacher had noted that the boy shrugs his right shoulder every now and then. He was also noted to be making repetitive throaty sound while the teacher is teaching.

5.1 Write **three (3)** questions you would ask the parents to arrive at a diagnosis. (30 marks)

5.2 Write **one (1)** question you would ask the child to arrive at a diagnosis. (15 marks)

5.3 Name psychopathology seen in the above description. (15 marks)

5.4 What is the most likely diagnosis? (10 marks)

5.5 Mention **two (2)** specific drugs used in the treatment of the condition. (20 marks)

5.6. Write **one (1)** condition commonly associated with the diagnosis you have mentioned in 5.4 (10 marks)