



**FACULTY OF MEDICINE
UNIVERSITY OF RUHUNA
FINAL EXAMINATION FOR MEDICAL DEGREES
22nd November 2013
PSYCHIATRY PAPER 1**

Answer all 5 questions.

Answer each part in a separate answer book.

2 ½ hours (1.00-3.30 pm)

1. You are the DMO at District Hospital Katuwana. You have diagnosed schizophrenia in a 23 year old female, garment factory worker who is married for three months.
 - 1.1. List **six** antipsychotic drugs that are available in Sri Lanka to treat a patient with schizophrenia. (30 marks)
 - 1.2. List **five** common side effects for each of **three** of the drugs you have mentioned in 1.1 (15 marks)
 - 1.3. Briefly describe the mode of action of antipsychotics. (15 marks)
 - 1.4. Discuss the factors you would consider in selecting an antipsychotic for this patient. (40 marks)

2. You have assessed a six- year- old boy at a school medical inspection. According to the teachers he cannot stay in one place for more than two minutes .He does not pay attention to lessons and disturbs his classmates.
 - 2.1. List **two** differential diagnoses. (10 marks)
 - 2.2. List **two** relevant areas that you need to assess to arrive at a diagnosis. (20 marks)
 - 2.3. List **two** important aspects you would explain to the mother regarding his condition. (20 marks)
 - 2.4. Write an appropriate referral letter to the relevant specialist. (20 marks)
 - 2.5. List **three** important areas you would emphasize in educating the school teachers regarding children with similar problems. (30 marks)

3. A 26-year-old house maid who had returned from Dubai one month earlier was admitted to ETU with the following symptoms. Episodes of fearfulness and screaming not to assault her, while covering her head with hands. She also has poor sleep with recurrent nightmares. On examination there was a linear scar on the back of her head.
- 3.1. List two differential diagnoses (20 marks)
- 3.2. List two questions you would ask to differentiate the conditions mentioned in 3.1 (30 marks)
- 3.3. List two investigations you would request, giving reasons. (10 marks)
- 3.4. If the investigations are normal, describe the treatment options available for the most probable diagnosis. (40 marks)
4. A 75-year-old retired teacher who has been having poor memory for past three years presented with a three days history of agitated behaviour. On examination she could not recognize her daughter and she said "I am at school, Look, there are children playing around me".
- 4.1. What is the most probable diagnosis? (10 marks)
- 4.2. Support your diagnosis with the available information. (20 marks)
- 4.3. List four possible causes for her acute clinical condition. (20 marks)
- 4.4. Outline the immediate management of this patient. (20 marks)
- 4.5. Describe how you would educate her daughter regarding the condition. (30 marks)
5. A 43-year-old woman with minor injuries was admitted to the surgical ward following a motor bike accident. On admission she refused to talk about the accident. She has been forgetful and having lack of energy for the past three months. She has not been to work for the past two weeks and said that she did not like to talk to others. Her husband wanted to divorce her to marry another woman. She has been feeling ashamed to face her children and has decided to commit suicide.
- 5.1. What is the most likely diagnosis? (10 marks)
- 5.2. Name one medication you would use to treat her. (10 marks)
- 5.3. List the information you would include in psychoeducation of the
- 5.3.1 Patient (20 marks)
- 5.3.2 Family (20 marks)
- 5.4. Name one psychological intervention you would use to help her (10 marks)
- 5.5. Describe the steps of the intervention mentioned in 5.4 (30 marks)