



University of Jaffna - Sri Lanka
Faculty of Medicine
Final Examination for Medical Degrees (1st) - November 2016
Psychiatry - Paper II

Date: 25.11.2016

Duration: 03 Hrs.

Answer all six questions

(Please answer Part A and Part B in separate answer books)

Part A

1.

Ram, a 19 year old male studying for his advanced level examination was brought by his parents as he showed disinterest in his studies. He was spending most of his time in the room and was not interacting very much. Although he went to school he had stopped going for his private classes. He claimed that his other friends were monitoring his thoughts through an electronic device. He said that they believed he was going to get the best results at the examination and therefore were trying to tap in to his brain. He could hear them discussing what he was thinking about and also plotting to harm him.

- 1.1 State **two** differential diagnoses in this patient. (20 marks)
- 1.2 Give reasons for each of the diagnoses mentioned by you. (20 marks)
- 1.3 State the factors that will make you consider admission in this patient. (20 marks)
- 1.4 Briefly describe your plan of drug treatment for the patient. (40 marks)

2.

A 65 year old female is brought by her daughter as she had become very restless and agitated. She had been previously well until her husband had passed away suddenly following a myocardial infarction three months before. At the funeral she had not cried very much but after the funeral she was always in the room crying. She was not sleeping well and over the past few weeks was walking around the house saying she was constipated and could not go to the toilet. She was refusing all food and drink saying her bowels were not moving and therefore all the food was stuck in her body. According to the daughter she passed motions but would not accept it was adequate.

She was admitted the previous week to a surgical ward where no bowel pathology was detected. They had given her IV fluids but she still appeared very emaciated and dehydrated.

- 2.1 What is the most probable diagnosis in this patient ? (10 marks)
- 2.2 Mention a significant factor that would have precipitated this condition. (10 marks)
- 2.3 Mention the factors that will necessitate admission in this patient. (20 marks)
- 2.4 State **five** important investigations you will order on admission, giving reasons. (20 marks)
- 2.5 Briefly describe your management plan. (40 marks)

3.

A 20 year old male, first year university student has severe anxiety when he is asked to speak during his tutorials or in public. He therefore wilfully keeps away from most tutorials despite having prepared for them. He absolutely refuses to make any presentations too due to anxiety.

At other times he is fine and is progressing well in his studies. He is a keen sportsman. He does not have any features of depressive disorder.

- 3.1 What is the most probable diagnosis? (20 marks)
- 3.2 Briefly describe the non pharmacological treatment approach for his condition. (50 marks)
- 3.3 Mention the pharmacological options in the treatment. (30 marks)

Part B

4.

A 50 year old businessman with a long history of alcohol abuse was brought to the medical ward by his son with the history of loss of sleep for two days duration associated with a sense of fearfulness and agitation. On direct questioning the businessman revealed that he had been seeing many snakes around him and hearing terrifying voices commenting about his behavior. His son added that there was a quarrel between his father and mother following a business loss, and as a result, his father stopped taking his regular drinks and meals for the last two days.

- 4.1 What is your probable diagnosis? (20 marks)
- 4.2 Give reasons for you to arrive at your probable diagnosis. (20 marks)
- 4.3 Briefly describe the management of this businessman for the next 72 hours (40 marks)
- 4.4 How will you motivate him to modify his drinking behaviour? (20 marks)

5.

A 72 year old female, who had lost her husband a month ago, was admitted to the medical ward with a two day history of becoming socially withdrawn and unresponsive, with an altered sleep pattern and not being able to recognize her daughter and grandchildren. She is a known patient with hypertension and dyslipidaemia.

- 5.1 What is the clinical syndrome that accounts for this presentation? (20 marks)
- 5.2 List five other features you will look for to support your above answer. (20 marks)
- 5.3 Mention how you will investigate (with reasons) this patient (40 marks)
- 5.4 List five medical risks a person can encounter during the grieving period? (20 marks)

6.

A 22 year old female was referred to the mental health unit by the gynaecological team for psychological assessment and support. She was unmarried and carrying a pregnancy of 20 weeks.

- 6.1 List **five** possible situations which would lead to unmarried pregnancy. (20 marks)
- 6.2 As a medical officer of the mental health unit, what will you look for in the assessment? (40 marks)
- 6.3 How will you arrange the necessary support for this female? (40 marks)