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*To Library*



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

30<sup>th</sup> July 2021

(1.00 pm– 4.00pm) 3.00 hours

Answer all 6 (six) questions.

Write your answer in the space provided

1. A 40 year old businessman was admitted to psychiatry unit with refusal of food and fluids for five days. He has summoned his six children and written his last will two weeks ago. His wife stated that he stopped going to his shop for nearly one month which he had been doing enthusiastically for many years. He has asked his wife to look after it.

On examination, his self care appeared normal, rapport was poor and he said that there is no point talking about him further.

1.1. What is the most likely diagnosis? (05 marks)

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1.2. Name **two (02)** features from the given scenario to support your diagnosis. (10 marks)

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1.3 Collateral history from wife revealed that he has had one previous episode three years back during which he used to give away the goods in his shop, free of charge. He had believed that he had a special power from the God as well. He was started on treatment but stopped after two months

1.3.1 What is the diagnosis when considering the collateral history? (10 marks)

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1.3.2 Name **four (04)** other features (other than mentioned in the collateral history) you would elicit in relation to his previous episode mentioned in 1.3

(20 marks)

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1.4 Name the risks associated with current presentation. (20 marks)

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1.5 Briefly outline initial management of the current episode. (25 marks)

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1.6 If he refuses to take medication and continues to refuse food and fluids as well, name **one (01)** other intervention you would consider. (10 marks)

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2 A five year old boy, pre-schooler, was brought to Child Psychiatry Clinic at Teaching Hospital Karapitiya, by his mother. The pre-school teacher has instructed the mother to show the child to a psychiatrist. Mother revealed that the child was not staying in the class room and frequently walking out of the class. He does not complete the activities given by the teacher. Most of the time, few minutes after starting any activity child leaves that task and starts doing something else. He was demanding in the playground, tends to push and pull other kids to get what he wants.

2.1 Identify **three (03)** clinical features and support them with statements given in the scenario.

(25 marks)

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2.2. List **three (03)** differential diagnoses.

(15 marks)

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3.....

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2.3. Write **two (02)** questions each, you would ask the mother to support or exclude the three differential diagnoses given in 2.2.

(25 marks)

1.....

A.....

B.....

2.....

A.....

B.....

3.....

A.....

B.....

2.4. Write **two (02)** investigations you would request in this child.

(10 marks)

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2.5. Write the names of **two (02)** medications you would use to reduce child walking out of the class.

(10 marks)

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2.6. Write **three (03)** common side effects of one of the medications you mentioned in 2.5 (15marks)

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3 A 25 year old school teacher, Ms. Surani was brought to the psychiatry clinic by her husband. She is on treatment for a psychiatric illness for five years and was functioning well. She has refused to go to the school for last three months, claiming that other teachers are trying to kill her. She said “ I can hear they are discussing among themselves how to kill me, saying “Surani miss is a very bad teacher”

3.1 Name **two (02)** psychopathologies. Support them giving statements from the above scenario.

(20 marks)

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3.2. What is the most probable diagnosis?

(05 marks)

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3.3. List **two (02)** other psychopathologies you would expect to find in this patient.

(10 marks)

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3.4. Name **one (01)** medication you would use to treat this patient.

(05 marks)

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3.5. List **three (03)** common side effects of the medication mentioned in 3.4 (15 marks)

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3.6. List **three (03)** possible causes for the relapse of her illness. (15 marks)

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3.7. Outline how you would manage causes mentioned in 3.6 (30 marks)

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4. A 19 year old A/L student came to the OPD, complaining of gum bleeding for last one month. According to his mother he takes around 30 minutes to brush his teeth each time after he eats something. Other family members complained about this as they share the bathroom.

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

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4.2 Write **two (02)** medical causes which can present with gum bleeding. (20 marks)

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4.3 Write **four (04)** questions you would ask to confirm your diagnosis mentioned in 4.1 (20 marks)

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4.4 Mention **one (01)** medication that can be used for the condition mentioned in 4.1 with the dose and duration. (15 marks)

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4.5 Name and outline **one (01)** psychological intervention that can be used to treat the condition mentioned in 4.1. (25 marks)

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4.6 Name **one (01)** other psychiatric condition that could present with similar clinical picture. (10 marks)

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5. A 68 year old retired school teacher was brought to the psychiatry clinic by her son who is a nurse. Her diagnosis is established as Alzheimer's dementia. She scored 20/30 in MMSE.

5.1 Write **two (02)** key pieces of information regarding her condition that you would provide her son. (20 marks)

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5.2 Write **two (02)** important matters you would suggest her son to attend before his mother's cognitive abilities deteriorate further. (20 marks)

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5.3 The patient is prescribed a daily dose of donepezil 5mg. Mention **one (01)** objective method to monitor her response to treatment. (10 marks)

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5.4 Describe **two (02)** activities family members could use to help the patient to maintain her optimal quality of life. (20 marks)

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5.5 Mention **two (02)** behavioural problems you would anticipate with the progression of the disease. (10 marks)

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2.....

5.6 Outline measures that family members can implement to ensure safety of this patient at home. (20 marks)

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6. You are a house officer in a surgical unit. You came across a 28 year old businessman who got admitted with a deep cut injury to his forearm. The injury resulted when he smashed a glass window while arguing with his wife under the influence of alcohol. According to his wife the patient has been taking alcohol for many years but the frequency and amount of alcohol he consumed increased over last three years, after he lost his business. Wife reveals that patient does not spend time with the family as he used to do before three years.

The patient was agitated, fearful and anxious in the morning and he has not slept in the night. He had tremors in outstretched hands.

6.1. What is the most likely reason for his current symptoms? (10 marks)

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6.2. Write steps in the management of his current presentation. Management of the surgical condition is not expected. (25 marks)

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6.3. What is the most probable diagnosis regarding his alcohol taking behaviour? Justify your diagnosis using available information. (20 marks)

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6.4. Write a brief risk assessment of this patient. (15 marks)

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6.5. Write **one (01)** co- morbid psychiatric illness he may be having considering the context. (10 marks)

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6.6. Write **two (02)** medications you can use to help him to abstain from alcohol. (10 marks)

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6.7. Write **two (02)** psychological interventions you can use to treat the condition mentioned in 6.3 (10 marks)

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