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POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (PSYCHIATRY) EXAMINATION – OCTOBER 2015

Date :- 5th October 2015

Time :- 11.30 a.m. – 12.30 p.m.

ESSAY PAPER

Answer **only one out of three** questions.

1. Critically discuss the concept of mental illness and its evolution to the modern definitions of mental disorder. (100 marks)
2. Rehabilitation is a significant component in the management of psychiatric illnesses. Critically discuss the above statement. (100 marks)
3. Discuss the co-morbidity of schizophrenia, including psychiatric disorders and physical sequelae. (100 marks)

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Time :- 1.30 P.m. – 4.30 p.m.

STRUCTURED ESSAY PAPER

Answer **all six** questions.

Each question to be answered in a separate book.

1.
 - 1.1. Describe Aaron Beck's cognitive model of depression. (20 marks)
 - 1.2. List four (04) basic errors of logic or cognitive errors as described by Beck. Write the definition of each with examples. (35 marks)
 - 1.3. Illustrate using an example, how behaviour therapy techniques could be combined effectively with cognitive therapy in the treatment of a patient with social anxiety disorder. (45 marks)

2. Write notes on
 - 2.1. Epigenetics (30 marks)
 - 2.2. Fetishism (30 marks)
 - 2.3. Cognitive impairment in schizophrenia (40 marks)

3.
 - 3.1. Describe three (03) new antipsychotics approved by the Food & Drug Administration (FDA) for the treatment of schizophrenia during the past 10 years. (30 marks)
 - 3.2. A 25 year old woman is seen for preconception counselling. Her only chronic illness is a recurrent depressive disorder, for which she takes a selective serotonin reuptake inhibitor (SSRI). Discuss the benefits of antidepressant treatment and possible adverse effects of SSRI use in pregnancy. (40 marks)
 - 3.3. Discuss the pharmacological treatment of Alzheimer's dementia. (30 marks)

4.
 - 4.1. Discuss the similarities and differences between bipolar and unipolar depression. (40 marks)
 - 4.2. Describe the management of the above conditions. (60 marks)

5. A 30 year old woman on treatment for bipolar affective disorder with lithium carbonate 1000 mg daily presents to you with a pregnancy of 8 weeks. Her spouse reports that over the past two weeks she has been talking excessively and sleeping poorly. She has been compliant with medication.
 - 5.1. Discuss the further management of this woman and the advice you would give regarding subsequent pregnancies. (60 marks)
 - 5.2. Discuss the current thinking on the teratogenic effects of lithium. (40 marks)

6.
 - 6.1. Describe the psychosocial factors contributing to violence and criminality. (40 marks)
 - 6.2. Describe the key issues the forensic psychiatrist should address in advising on the defence of a mentally abnormal offender. (60 marks)