

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (PSYCHIATRY) EXAMINATION (NEW SYLLABUS) –
OCTOBER 2014

Date: - 6th October 2014

Time: - 11.30 a.m. – 12.30 p.m.

ESSAY PAPER

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

1. Critically discuss the treatment adherence issues in chronic psychotic illnesses and strategies to enhance adherence. (100 marks)
2. Critically discuss the need of establishing a separate old age psychiatry service in Sri Lanka. (100 marks)
3. You are appointed as the consultant child and adolescent psychiatrist to Teaching Hospital, Anuradhapura.
Discuss how you will develop hospital and community based services in your area. (100 marks)

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MD (PSYCHIATRY) EXAMINATION (NEW SYLLABUS) –
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Date :- 6th October 2014

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. A 23 year old single woman who works as an accountant is referred to you by a plastic surgeon for assessment prior to her facial surgery as she has significant body image issues.
 - 1.1. Discuss your approach to assessment and diagnostic considerations. (30 marks)
 - 1.2. Her BMI is 14 and she seems to be very intent on the facial surgery.
Discuss the assessment of her capacity to consent for surgery. (40 marks)
 - 1.3. Discuss her immediate management if you diagnose her with anorexia nervosa. (30 marks)
2.
 - 2.1. Describe the glutamate theory of schizophrenia. (30 marks)
 - 2.2. Discuss the structural changes of the brain in relation to neurodevelopmental hypothesis. (30 marks)
 - 2.3. Discuss the measures of prevention or minimization of cognitive and functional deterioration in schizophrenia. (40 marks)

Contd.../2-

3. A 35 year old married woman who lives with her husband, presents to you for advice regarding management of her depression. She has just found out that she is pregnant. She has been taking sertraline 100 mg/day for the last three years.
- 3.1. Discuss your approach to assessment of her depression and immediate advice. (30 marks)
 - 3.2. She starts to deteriorate towards her third trimester with emergence of suicidal thoughts and psychotic symptoms. Outline the management. (30 marks)
 - 3.3. She delivers through emergency LSCS (failure of labour to progress) and has a healthy baby. List the risks for her to develop post-partum worsening of her depression. (20 marks)
 - 3.4. How will you assess and improve her bonding with the baby? (20 marks)
- 4.
- 4.1. Critically discuss the separation of obsessive compulsive disorder (OCD) and related disorders from anxiety disorders in DSM-5 classification. (30 marks)
 - 4.2. Discuss the neurobiology of OCD. (30 marks)
 - 4.3. Describe the treatment principles of OCD in relation to pharmacotherapy and psychological therapies. (40 marks)
- 5.
- 5.1. Discuss predictors of psychiatric sequelae following traumatic brain injury. (30 marks)
 - 5.2. Describe psychiatric sequelae in a 50 year old male following a traumatic brain injury with loss of consciousness for one hour. (40 marks)
 - 5.3. Outline the principles of management of acute onset disturbed behaviour following a traumatic brain injury. (30 marks)

6. A 23 year old female is referred from Magistrate's Court Colombo, a victim of an alleged sexual assault. She has attended school up to grade 5 but she cannot read or write. You have been requested to give a medico-legal report regarding her mental state.
- 6.1. Identify the psychiatric-legal issues that you would address in your report. (20 marks)
 - 6.2. Describe the assessment for each psychiatric-legal issue identified in 6.1. (60 marks)
 - 6.3. Outline the structure of the report you would submit to court. (20 marks)