

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXMINATION
DECEMBER, 1990

Date: 3rd December 1990

Time: 2.00p.m. 4.30p.m.

PAPER I

All questions to be answered.
Answer Part A and Part B in separate books.
Part A and Part B each carry equal marks.

PART A

1. Discuss the factors predisposing to pulmonary embolism.
How would you confirm the diagnosis of such and plan treatment
2. Discuss the aetiology, pathogenesis, clinical manifestations and management of systemic vasculitis.

PART B

3. Describe the pathophysiology, clinical features and treatment of dengue haemorrhagic fever.
4. Describe the assessment and treatment of acute severe asthma.
5. Write notes on osteoporosis in women. What is the present place of therapy, including hormone replacement therapy (HRT)?
6. Give an account of the aetiology and diagnosis of multiple cranial nerve palsies.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
MAY, 1992

Date: 4th May 1992

Time: 2.00p.m. 4.30p.m

PAPER I

All 6 questions to be answered.
Answer Part A and Part B in separate books.
Part A and Part B each carry equal marks.

PART A

1. Discuss the differential diagnosis and investigation of a 20-year-old woman whose presenting symptom is progressive loss of weight over a period of six months.
2. Describe the pathophysiology, clinical features and management of snake envenoming.

PART B

3.
 - (1) Give three causes, other than a urinary tract infection, for recent onset urinary incontinence in a 25-year-old woman.
 - (2) Give three symptoms or physical signs, which would point you towards each of your three differential diagnoses.
 - (3) What special investigations would you employ to support each of the three differential diagnoses ?
4. Discuss the hematological complications of alcoholism.
5. Discuss the management of a patient with pneumonia who has not responded to treatment with two weeks of conventional antibiotic therapy.
6. Explain the following on a biochemical basis:
 - (1) Jaundice and cyanosis developing in a patient receiving treatment for malaria.
 - (2) Use of allopurinol in the therapeutic regimen of leukemia.
 - (3) Use of pralidoxime in the treatment of insecticide poisoning.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
JANUARY, 1993

Date: 11th January 1993

Time: 2.00p.m. 4.30p.m.

PAPER I

All 6 questions to be answered.
Answer Part A and Part B in separate books.
Part A and Part B each carry equal marks.

PART A

1.
 - a) Discuss the factors that lead to refractory congestive heart failure in a 50 year old man.
 - b) Describe the management of this patient.

2. What factors would determine the outcome in a patient suffering from a hemiplegia of 48 hours following a cerebro-vascular accident?

PART B

3. What features in the history and bedside examination help in distinguishing uncomplicated Viral Hepatitis from Hepatic Amoebiasis?

4. Discuss briefly the factors that determine the choice of antibacterial agents in the treatment of urinary tract infection in an elderly patient.

5. What factors would you consider in choosing the donor of a kidney for live donor transplant ?

6. Discuss the rationale of the treatment of Cholera in relation to the pathophysiology of this disease.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
DECEMBER, 1993

Date: 6th December 1993

Time: 2.00 p.m. 4.30 p.m.

PAPER I

All 6 questions to be answered.

Answer Part A, Part B and Part C in separate books.

PART A

1. Give an account of non-hepatic manifestations of alcohol abuse. (25 marks)

2. "It is easy to heal peptic ulcers but difficult to cure them".
Discuss their changing management in the light of current knowledge of their pathogenesis. (25 marks)

PART B

3. A 60-year-old man was admitted with a history of recent sudden loss of vision in one eye.
How would you manage this patient? (12.5 marks)

4. Discuss the place of intensive treatment of diabetes mellitus in the prevention of complications of this disease. (12.5 marks)

PART C

5. Describe pathophysiology of
(a) cerebral symptoms
(b) Anemia
associated with falciparum malaria (12.5 marks)

6. A 28-year-old male who is engaged to be married has symptoms suggestive of HIV infection.
Discuss briefly the ethical issues raised in the management of this patient. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
DECEMBER, 1994

Date: 5th December 1994

Time: 2.00 p.m. - 4.30 p.m.

PAPER I

All 6 questions to be answered.

Answer Part A and Part B in separate books.

Part A and Part B each carry equal marks.

PART A

1. Describe the pathophysiology, clinical features and treatment of unstable angina. (25 marks)
2. Describe the risks associated with repeated blood transfusions. How can they be minimized ? (25 marks)

PART B

3. Describe the management of variceal haemorrhage in a patient with alcohol induced cirrhosis of the liver. (12.5 marks)
4. Describe briefly the pathophysiological basis of acidosis in severe falciparum malaria. (12.5 marks)
5. Give an account of the dermatological manifestation of diabetes mellitus.
6. In a patient with pneumonia, how do the clinical features and investigations allow us to assess the severity of the illness. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
AUGUST 1995

Date: 14th August 1995

Time: 2.00pm - 4.30pm

PAPER I

All 6 questions to be answered.
Answer Part A and Part B in separate books.
Part A and Part B each carry equal marks.

PART A

1. Describe the pathophysiology, clinical features and management of diabetic ketoacidosis presenting in a young person. (25 marks)
2. Discuss the diagnostic criteria and the ethical and legal aspects of the "permanent vegetative state". (25 marks)

PART B

3. Discuss the differential diagnosis and investigation of a patient presenting in Sri Lanka, with fever and haemorrhagic manifestations. (12.5 marks)
4. A young man presents with an attack of asthma.
 - a) How would you assess the severity of the attack?
 - b) Describe the management of the patient (12.5 marks)
5. Describe how you would investigate and manage a forty-year old man who presents with a one-year history of intermittent irregular palpitations and is otherwise well. (12.5 marks)
6. Describe the management of a 75-year-old widow who has suddenly suffered a dense stroke affecting her dominant hemisphere. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
AUGUST, 1996

Date: 5th August 1996.

Time: 2.00 p.m. - 4.30 p.m.

PAPER I

Answer all six (6) questions.
Answer each question in a separate book.
Part A and Part B each carry equal marks.

PART A

1. (25 marks)
- 1.1 Discuss the evidence that *Helicobacter pylori* is a causative factor in peptic ulcer.
 - 1.2 How does it exert a pathogenetic effect?
 - 1.3 What are the implications for treatment?
2. Discuss the pathophysiology, non-drug therapy and complications of primary hypertension (25 marks)

PART B

3. (12.5 marks)
- 3.1 Describe the possible side effects of drugs which inhibit Angiotensin converting enzyme (ACE).
 - 3.2 What are the possible advantages of Angiotensin receptor antagonists?
4. A 30-year-old man, married with one child aged 1 1/2 years, presents three weeks after clinical recovery from an acute hepatitis B infection. His HBsAg is still positive. Discuss the management. (12.5 marks)

5

5.1 What is the role of inhaled corticosteroids in the treatment of chronic asthma ?

5.2 How are they administered ?

5.3 Describe the adverse effects of, inhaled corticosteroids. (12.5 marks)

6. Discuss the drug treatment of Parkinson's disease. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
AUGUST, 1997

Date: 4th August 1997

Time: 2.00 p.m.- 4.30 p.m.

PAPER I

Answer all six (6) questions.
Answer each question in a separate book.

PART A

1. Discuss the prevention of progressive deterioration in renal function in-patients with chronic renal impairment apart from treatment of the primary disease. (25 marks)
2. Discuss the problem of Transfusion Associated Hepatitis in a developing country. (25 marks)

PART B

3. Discuss the pros and the cons of either (12.5 marks)
Physician - assisted suicide
Or
Paid, live unrelated donor renal transplantation
4. Discuss the principles of treatment and prophylaxis of infective endocarditis. (12.5,marks)
5. What are the factors that determine the outcome of patients who develop hemiplegia ?
Explain how these factors modify the outcome. (12.5 marks)
6.
 - 6.1. Define the term "opportunistic infection".
 - 6.2. List the factors, which predispose to systemic candidiasis and describe its treatment. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
AUGUST, 1998

Date: 3rd August 1998.

Time: 2.00 p.m. - 4.30 p.m.

PAPER I

Answer all six (6) questions.
Answer each question in a separate book.

PART A

1. Discuss the principles involved in the secondary prevention of future cardiovascular events in a patient recovering from acute myocardial infarction. (25 marks)
2. Discuss how you would set about investigating the effectiveness and safety of a new therapy in a human population. (25 marks)

PART B

3. A 30-year old man known to have ulcerative colitis affecting his entire colon for the past two years presents with in acute relapse. How would you.
 - (a) Assess the severity of the relapse.
 - (b) Investigate and manage the patient. (12.5 marks)
4. Discuss the neurological and muscular manifestations of falciparum malaria other than cerebral malaria. (12.5 marks)
5. Discuss the strategies for the management of overweight patients. (12.5 marks)
6. List and briefly discuss the important measures to take in the control of tuberculosis in a community. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
FEBRUARY 1999

Date: 22nd February 1999

Time 2.00 p.m.- 4.30 p.m.

PAPER I

Answer all six questions

Answer each question in a separate book

PART A

1. Discuss the main indications for corticosteroid therapy. What advice should be given to patients receiving such therapy ? (25 marks)

2. Discuss the management of a middle-aged man with erectile dysfunction. (25 marks)

PART B

3. Discuss the pharmacological treatment of portal hypertension. (I 2.5marks)

4. Discuss the management of an apparently fit 30-year-old man who complains of recurrent bouts of palpitation shown on Holter monitoring to be due to atrial fibrillation. (12.5 marks)

5. Discuss the principles involved in the management of chronic obstructive pulmonary disease. (12.5 marks)

6. Discuss the clinical manifestations and investigations of hypersensitivity to *Wuchereria bancrofti* antigen. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
JULY 1999

Date: 26th July 1999

Time: 2.00 p.m. to 4.30 p.m.

PAPER I

Answer all six questions

Answer each question in a separate book

PART A

1. Many patients present with illness due to their lifestyle. Discuss the doctor's responsibility in respect to this pattern of behavior, and the ethical problems, related to treatment of such diseases. (25 marks)

2. List the complications that can occur following a subarachnoid hemorrhage. Discuss the diagnosis, prevention and treatment of these. (25 marks)

PART B

3. Discuss the factors contributing to the emergence, impact and the prevention of multi-drug resistant tuberculosis in Sri Lanka. (12.5 marks)

4. Discuss the measures that would minimize cardiac complications of patients with coronary artery disease undergoing non-cardiac surgery. (12.5 marks)

5. Discuss the management of thyroid eye disease. (12.5 marks)

6. An apparently fit, 30-year-old male is found to have haematuria and albuminuria on a routine urinalysis. How would you investigate to arrive at a diagnosis? (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
FEBRUARY 2000

Date: 28th February 2000

Time: 2.00 p.m. - 4.30 p.m.

PAPER 1

Answer all six questions.

Answer each question in a separate book.

PART A

1. List the problems, you, as a physician, would encounter in the rehabilitation of a 35-yr-old married man who works as a driver, presenting with stable transverse myelitis with a neurological level of D8. (25 marks)

2. The process of diagnosis in elderly patients is often a challenging task, Discuss, giving examples, specific difficulties one would encounter in diagnosing acute medical problems in the elderly. (25 marks).

PART B

3.
 - a) Discuss the pathogenesis of measles.
 - b) Describe its respiratory and neurological complications. (12.5 marks)

4. Discuss, on a pathophysiological and pharmacological basis, the drug management of unstable angina. (12.5 marks)

5. Discuss the pathogenesis and the management of ascites in a patient with cirrhosis. (12.5 marks)

6. Describe the medical emergencies that could occur in-patients with rheumatic arthritis. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
JULY, 2000

Date: 11th July 2000.

Time: 2.00 p.m. - 4.30 p.m.

PAPER I

Answer all six questions

Answer each question in a separate book

PART A

1. What factors influence compliance of patients to good medical advice? How would you improve compliance when treating hypertensives? (25marks)

2. List the herpes viruses responsible for human infection. Write brief accounts on the clinical features, diagnosis, complications and treatment modalities available in any three of the listed viruses. (25 marks)

PART B

3. A 65-year-old man has vague ill health. During a general medical screening his blood urea was reported to be 90-mg % and serum creatinine was 3-mg %. Discuss the further investigation and outline a plan of management. (12.5 marks)

4. Discuss the goals and principles of nutrition therapy in the management of Type 2 Diabetes Mellitus. (12.5 marks)

5. Discuss the use of disease modifying anti rheumatic drugs (DMARDS) in the treatment of rheumatoid arthritis. (12.5 marks)

6. Write a brief account on bone marrow transplantation. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
JANUARY 2001

Date : 29th January 2001

Time: 1.30 p.m.- 4.00 p.m.

PAPER 1

Please answer all six questions.
Answer each question in a separate book.

PART A

1. List the indications for the use of blood and blood products in clinical practice. Discuss the hazards associated with transfusion of blood and blood products. (25 marks)
2. Write an essay on " The gut arid arthritis ". (25 marks)

PART B

3. Describe briefly the management of a 60 year old man who had been diagnosed to have had two transient ischaemic attacks during the last two weeks. (Differential diagnosis need not be discussed) (12.5 marks)
4. List the classes of oral hypoglycaemic drugs. Discuss the place of these drugs in the treatment of Type 2 Diabetes. (12.5 marks)
5. Discuss the differential diagnosis and outline the management of broad complex tachycardias. (12.5 marks)
6. How would you assess the severity of community acquired pneumonia in patients ? Discuss the treatment-pf community acquired pneumonias. (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
JULY 2001

Date : 9th July 2001

Time : 2 hours and 30 minutes

PAPER 1

Please answer all six questions.
Answer each question in a separate book.

PART A

1. What are the patterns of sensory loss ? How does recognition of these patterns help in the diagnosis of neurological disorders ? (25 marks)
2. Discuss the management of pain in cancer patients. (25 marks)

PART B

3. List the hypertensive crises and outline their management. (12.5 marks)
4. Discuss post exposure prophylaxis of rabies. (12.5 marks)
5. Discuss the place of oestrogen replacement therapy in a 50 year old woman who had reached menopause recently. (12.5 marks)
6. How would you evaluate an asymptomatic 40 year old man who is found to have elevated aspartate and alanine aminotransferase levels in the blood at a routine medical examination ? (12.5 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
JANUARY 2002

Date - 29th January 2002

Time allowed:-2 hours & 30 minutes

PAPER 1

Please answer all six questions
Answer each question in a separate book.

PART A

1. Discuss the principles of screening for disease.
2. "Examination of hands will give a clue to the diagnosis". Analyze this statement.

PART B

3. Define "sick euthyroid syndrome" and discuss its clinical significance.
4. Discuss the differential diagnosis of acute nephritic syndrome and outline its management.
5. Outline the management of Parkinson's disease.
6. Discuss meta-analysis.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
JULY, 2002

Date :- 22nd July, 2002

Time .1.30 p.m. - 4.00 p.m.

PAPER I

Answer all six questions

Answer each question in a separate book

PART A

1. Discuss the impact of lifestyle modifications on health. (25 marks)
2. Discuss strategies for prevention of nosocomial infections (25 marks)

PART B

3. Discuss how examination of the skin helps in the diagnosis of fever (12.5 marks)
4. Discuss the importance of cerebrospinal fluid analysis in the diagnosis of disease (12.5 marks)
5. Discuss the important features in the clinical evaluation of a patient presenting with recurrent syncope (12.5 marks)
6. A 65 year old patient with type II diabetes of 20 years duration on Tolbutamide is awaiting an elective laparotomy for a benign ovarian cyst. She is referred to you for assessment.

Discuss
 - (a) the pre-operative evaluation
 - (b) the goals of therapy in the peri-operative period
 - (c) how you would control her diabetes during the peri-operative period

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) PART II EXAMINATION
FEBRUARY, 2003

Date : 10th February 2003

Time : 10.00 a.m. - 11,00 a.m.

PAPER I

Write an essay on ONE of the following topics.

ESSAY PAPER

1. Obesity, the scourge of the modern world.
2. The role of the physician in reducing the burden of chronic renal disease in the community
3. The evaluation of 'dizziness',

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY, 2003

Date : 14th July, 2003

Time : 10.00 a.m.– 11.00 a.m.

PAPER I

Write an essay on ONE of the following topics.

ESSAY PAPER

1. Comment on the statement "The seeds of many non-communicable diseases are sown during fetal and neonatal life".
2. Write an essay on the impact of information technology on patient care.
3. Discuss the role of the physician in "end-of-life" care.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY, 2004

Date : 12th July, 2004

Time : 3.30 p.m. - 4.30 p.m.

PAPER 1

Write an essay on ONE of the following topics.

ESSAY PAPER

1. Organising a comprehensive diabetic service in the district where you have been appointed as a Consultant Physician to the District General hospital.
2. Management of an elderly person whose children are complaining that the father is having memory impairment.
3. Impact of mosquito-borne diseases on the health of the people and the health services of Sri Lanka.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY, 2005

Date : 3rd February 2005

Time : 3.00 p.m. - 4.00 p.m

PAPER I

Answer ONE of the following topics.

ESSAY PAPER

1. Discuss the role of a consultant general physician in disaster management.
2. Discuss the effects of alcohol on the health of Sri Lankan Society .
3. Discuss the role of electrocardiogram in the assessment and management of coronary artery disease.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY, 2006

Date : 1st February 2006

Time : 3.00 p.m. - 4.00 p.m

PAPER I

Answer ONE of the following questions

ESSAY PAPER

1. Comment on the following statement.
“Proper management of middle age is vital for a quality old age “.

OR

2. Write an essay on “ Recurrent falls in elderly; Causes, clinical assessment
And prevention”.

OR

3. “Due to many therapeutic strategies available, the patient with chronic kidney
disease no longer needs to passively await dialysis as destiny “.
Discuss this statement.

POSTGRADUATE INSTITUTE OF MEDICINE

UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION

JULY, 2006

Date : 26th July 2006

Time : 9.00 a.m. - 10.00 a.m

PAPER I

Answer ONE of the following questions

ESSAY PAPER

1. Proper management of 'Metabolic Syndrome' will significantly Reduce the cardiovascular morbidity and mortality among South Asian populations.' Discuss this statement.

OR

2. 'Clinical practice guidelines' are an essential tool in the Modern day patient management. Discuss this statement.

OR

3. "Sri Lankan paddy farmer is exposed to many health hazards'. Discuss this statement and plan out a strategy to solve these issues.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY 2007

Date:-13th February 2007

Time:-2.30 p.m. - 3.30 p.m.

PAPER I – ESSAY

Answer one of the following questions.

1. Discuss the challenges encountered in the management of non communicable diseases in the elderly.

OR

2. 'Beta blockers come closest among all cardiovascular agents to providing all purpose therapy'. Discuss the above statement.

OR

3. Plan out a strategy to minimize overcrowding in tertiary care hospitals in Sri Lanka.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY 2007

Date : 25th July 2007

Time : 9.00 am-10.00 am (1.00 hr)

PAPER I - ESSAY

Write an essay on one of the following topics.

- Ethical issues in inherited neurological diseases.
- Type 2 Diabetes Mellitus has many treatment options.
- Advances in molecular biology and medical genetics have significantly changed modern medical practice.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JANUARY 2008

PAPER 1- ESSAY

Date : 17th January 2008

Time: 2.30 - 3.30 p.m.

Candidate No.

Write an essay on one of the following

1. Role of the physician in the care of patients with HIV infection in Sri Lanka.
2. Tumour markers.
3. Screening for diseases.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY 2008

PAPER I – ESSAY

Date: 30th July 2008

Time allowed - 60 minutes

Write an essay on one of the following

1. The need for a National Drug Policy.
2. Health issues in Internally Displaced Persons.
3. Issues involved in making "*Do Not Resuscitate*" orders.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO
MD (MEDICINE) EXAMINATION
FEBRUARY 2009

PAPER I - ESSAY

Date : 3rd February 2009

Duration : 1 hour

Write an essay on one of the following topics

1. Pre diabetes

2. The changing pattern of diseases over the last two decades in Sri Lanka.

3. The clinical usefulness of the fluoroquinolone group of antibiotics in general medicine.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO
MD (MEDICINE) EXAMINATION
JULY 2009

PAPER I - ESSAY

Date : 31st July 2009

Duration : 1 hour

Write on one of the following.

1. When a new drug (Drug A) was given to a group of 1500 patients (aged 40-86 years) with high plasma LDL, 150 of them developed acute coronary syndrome at the end of 2 years. In comparison, 300 of 1500 patients given a placebo (Drug B) also developed acute coronary syndrome at the end of 2 years.

Discuss the factors that could have contributed to this difference and the interpretation of these results.

2. Discuss steps that can be taken to preserve the long-term physical and mental functions of a 65-year-old diabetic and hypertensive woman admitted with an acute ischemic stroke of 1-hours duration.
3. Discuss the use of biologics in current medical practice.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY 2010

Date : 3rd February 2010

Duration : 1 hour

PAPER 1 – ESSAY

Write on one of the following.

1. Informed consent in medical practice.
2. If you are an advisor to the Ministry of Health, What advice would you give to improve the curative health services in Sri Lanka ?
3. Mortality due to ingestion of pesticides is very high in Sri Lanka. What measures would you recommend to bring down this mortality ?

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY 2010

Date : 29th July 2010

Duration : 1 hour

PAPER 1 – ESSAY

Write on one of the following.

1. Discuss the strengths and weaknesses of evidence emerging from randomized controlled clinical trials.
2. Discuss the role of the laboratory in the management of dengue virus infection.
3. Confidentiality in clinical practice.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY 2011

Date : 3rd February 2011

Duration : 1 hour

Time : 9.00 a.m. – 10.00 a.m.

Write on One of the following.

1. The need for and the feasibility of liver transplantation in Sri Lanka.

2. Sri Lanka is to have a national policy on adult nutrition soon. Discuss the important features that should be included in such a Policy.

3. Formulate a plan for the containment of the Influenza A HINI infection in Sri Lanka.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY 2011

Date : 27th July 2011

Duration : 1 hour

PAPER 1 – ESSAY

Write an essay on one of the following topics.

1. Obesity and Cardiovascular disease.
2. Implications of industrialization on health.
3. Improving clinical research in Sri Lanka.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY 2012

Date : 10th February 2012

Duration : 1 hour

PAPER 1 – ESSAY

Write an essay on **One** of the following topics.

1. A Medical Officer attached to a Government hospital claims that 70 patients with dengue fever were treated with juice extracted from papaya leaves and that all of them recovered.

Discuss the validity of this statement.

2. Discuss the evolution of treatment of ischaemic heart disease over the past five decades, highlighting landmark discoveries.
3. Formulate a national strategy to arrest the increasing incidence of diabetic nephropathy in Sri Lanka.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY 2012

Date : 27th 2012

Duration : 1 hour

PAPER 1 – ESSAY

Write on One of the following.

1. The difficulties encountered in the diagnosis and management of Type 2 Diabetes Mellitus according to national and international guidelines.

2. The challenges imposed on the country's health care system due to an aging population.

3. The ethics, social responsibility and clinical implications of pharmaceutical industry sponsorship of the medical profession.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY 2013

Date : 7th February 2013

Duration : 1 hour

PAPER 1 – ESSAY

Write an essay on **One** of the following.

1. Ethical issues in organ transplantation.
2. Impact of multinational companies on the health of people in Sri Lanka.
3. Development of a national strategy on reducing mortality and morbidity due to chronic non-communicable diseases in Sri Lanka.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY 2013

Date : 25th July 2013

Duration : ONE hour

PAPER 1 – ESSAY

WRITE AN ESSAY ON ONE OF THE FOLLOWING.

1. Discuss the clinical and ethical aspects of the practice of end-of-life care in Sri Lanka.

2. Discuss the impact of the socioeconomic status on causation and outcome of ischaemic heart disease.

3. You are the physician in a provincial hospital where alcohol is a major problem as identified in community-based surveys. The newly elected Minister of Health of the province appoints you as an adviser to recommend measures that will reduce alcohol-related harm in the province. Discuss proposals that you will submit.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY 2014

Date : 20th February 2014

Duration : ONE hour (9.00-10.00 a.m.)

PAPER 1 – ESSAY

WRITE AN ESSAY ON ONE OF THE FOLLOWING.

1. As the newly appointed Consultant Physician to a base hospital in the Eastern Province, you notice the practice of eating a certain herb among diabetic patients and a seemingly higher incidence of hypoglycaemia among them.

Discuss how you would investigate this observation.

2. There is an increasing trend of foreign medical tourist utilizing our private sector health care services.

Discuss the benefits and disadvantages to the Sri Lankan health system that may arise as a result.

3. You have been appointed as the only physician, to a base hospital.

Discuss measures you would take to minimize medical errors in your wards and clinics.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
JULY 2014

Date : 25th July 2014

Duration : ONE hour

PAPER 1 – ESSAY

WRITE AN ESSAY ON ONE OF THE FOLLOWING.

1. There is an emerging concern about unnecessary and wasteful medical interventions by doctors. Outline why doctors recommend such interventions, and discuss how these can be minimized.

2. Screening for non-communicable diseases as a measure of improving a population's health is not universally recommended. Discuss the pros and cons of population screening for non-communicable diseases.

3. Discuss the burden of agrochemical related health issues, and strategies for minimizing their impact.

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICINE) EXAMINATION
FEBRUARY 2015

Date : 11th February 2015

Duration : ONE hour

PAPER 1 – ESSAY

WRITE AN ESSAY ON ONE OF THE FOLLOWING.

1. Discuss transparency in clinical trial reporting.
2. You are invited to be a .member of a steering committee to formulate a national strategy on hypertension in Sri Lanka. Discuss the key areas that you would address as a physician.
3. Discuss the role of vitamin D in health and disease.