

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

QUALIFYING EXAMINATION FOR MSc COURSE IN
MEDICAL ADMINISTRATION
JUNE, 1997

Date: 16th June, 1997

Time: 2.00 p.m. - 4.00 p.m.

All five questions to be answered
Part A and Part B to be answered in Separate Books

PART A

1.
 - 1.1 List the notifiable diseases in Sri Lanka. (25 marks)
 - 1.2 How do you notify them ? (25 marks)
 - 1.3 Who should be notified ? (25 marks)
2. Comment on the morbidity data in Sri Lanka (75 marks)
3. Write notes on the following:
 - 3.1 Investigation of Maternal deaths (25 marks)
 - 3.2 Investigation of Infant deaths (25 marks)

PART B

4. " Patents by passing smaller health institutions and Overcrowding larger health institutions is an established feature in Sri Lanka".
Comment on this statement. (100 marks)
5. How would you estimate the annual drug requirements of a medical institution ? (100 marks).

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

QUALIFYING EXAMINATION FOR MSc COURSE IN
MEDICAL ADMINISTRATION
OCTOBER, 1999

Date : 6th October, 1999

Time :- 2.00 p.m. - 4.00 p.m.

All five questions to be answered
Part A and Part B to be answered in Separate Books

PART A

1. Write notes on the following :
 - 1 .1 . Leading causes of hospitalisation in Sri Lanka (25 marks)
 - 1 .2. Registration of vital events in Sri Lanka (25 marks)
 1. 3. Pre-employment medical examination of government employees (25 marks)
2. Comment on the use of Health Information for health planning (75 marks)
3. Write notes on the following :
 - 3.1. Role of the Intern House Officer in a Teaching hospital in Sri Lanka (25 marks)
 - 3.2. Health promotion (25 marks)

PART B

4. Describe how a Provincial. Hospital in Sri Lanka should be organised for the management of sudden rush of several casualties eg. following a train accident or a bomb blast (100 marks)
5. Describe the future health and social implications of the changing demographic pattern in Sri Lanka (100 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

QUALIFYING EXAMINATION FOR MSc COURSE IN
MEDICAL ADMINISTRATION
JANUARY, 2001

Date: 18th January, 2001

Time: 2.30p.m.- 4.30p.m.

All five questions to be answered
Part A and Part B to be answered in Separate Books

PART A

1. Write notes on the following; :-
 - 1.1 Maternal Mortality Rate (25 marks)
 - 1.2 Notification of communicable diseases. (25 marks)
 - 1.3 Prescribing antibiotics in Government Hospitals. (25 marks)
2. Write notes on any three (03) of the following :-
 - 2.1 The Indoor Morbidity and Mortality Return (25 marks)
 - 2.2 The Child Health Development Record. (25 marks)
 - 2.3 Medico-Legal Examination Form. (25 marks)
 - 2.4 Mother's Card. (25 marks)
3. What are the mosquito borne diseases of public health importance in Sri Lanka ? Outline the methods a Divisional Director of Health Services/Medical Officer of Health, would adopt to mobilize the community to control such diseases. (50 marks)

PART B

4.
 - 4.1 Outline the changing disease patterns currently seen in Sri Lanka. (40 marks)
 - 4.2 List the factors that contribute. to such a change. (20 marks)
 - 4.3 Explain briefly as to how these changes. affect the future organization of health services in Sri Lanka. (40 marks)
5. Discuss the role of a Medical Administrator in a Tertiary Case Hospital in ensuring the provision of quality health services to the people. (100 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

QUALIFYING EXAMINATION FOR MSc COURSE IN
MEDICAL ADMINISTRATION
OCTOBER, 2002

Date : 23rd October, 2002

Time :- 2.30 p.m. - 4.30 p.m.

All five questions to be answered.

Part A and Part B to be answered in separate books.

PART A

1. Write short notes on:
 - 1.1 Bed Head Ticket (25 marks)
 - 1.2 Diagnosis Card (25 marks)
 - 1.3 Medical Certificate (25 marks)
 - 1.4 Death Certification (25 marks)

2. Discuss the health implications of road traffic accidents in Sri Lanka. (100 marks)

3. Write notes on:
 - 3.1 Notification of communicable diseases (20 marks)
 - 3.2 Pilferage of drugs in government medical institutions (40 marks)
 - 3.3 Investigation of maternal deaths (40 marks)

PART B

4. What factors would you take into consideration in providing services to a group of people rendered homeless by the recent floods. (100 marks)

5. Discuss briefly the services that will have to be provided in the future to the increasing elderly population in Sri Lanka (100 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

QUALIFYING EXAMINATION FOR MSc COURSE IN
MEDICAL ADMINISTRATION
NOVEMBER, 2003

Date : 7th November, 2003

Time :- 2.30 p.m. - 4.30 p.m.

All five questions to be answered.

Part A and Part B to be answered in separate books.

PART A

1. Write short notes on :
 - 1.1. Quarterly indoor morbidity and mortality return (25 marks)
 - 1.2. Universal precautions (25 marks)
 - 1.3. Dying declaration (25 marks)
 - 1.4. Infant mortality rate (25 marks)

2. "A medical manager is more suitable than a lay administrator to manage a tertiary care hospital" Discuss this statement. (100 marks)

3. Write notes on :
 - 3.1. Functions of a medical manager (30 marks)
 - 3.2. Qualities of a good medical manager (30 marks)
 - 3.3. Japanese Five-S-Concept (40 marks)

PART B

4. Briefly describe :
 - 4.1. The expanded programme of immunization (EPI) in Sri Lanka. (75 marks)
 - 4.2. Maintenance of the cold chain (25 marks)

5. Write short notes on :-
 - 5.1. SARS (25 marks)
 - 5.2. AIDS (25 marks)
 - 5.3. List of notifiable diseases in Sri Lanka (25 marks)
 - 5.4. Primary Health Care (25 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

QUALIFYING EXAMINATION FOR MSc COURSE IN
MEDICAL ADMINISTRATION
FEBRUARY. 2005

Date: 17th February. 2005

Time: 2.30 p.m. - 4.30 p.m.

All five questions to be answered.
Part A and Part B to be answered in separate books.

PART A

1. Write short notes on:
 - 1.1 Notification of communicable diseases (25 marks)
 - 1.2 Quarterly Indoor morbidity and mortality return (25 marks)
 - 1.3 Maternal Mortality Rate (25 marks)
 - 1.4 Infant Mortality Rate (25 marks)

2. "Free Health Services in Sri Lanka cannot be continued for ever", Discuss the statement suggesting possible alternatives. (100 marks)

3. Write notes on:
 - 3.1 Rational use of Antibiotics (30 marks)
 - 3.2 Malaria situation in Sri Lanka (30 marks)
 - 3.3 Importance of recording patient details in the Bed Head Ticket (40 marks)

PART B

4. Briefly describe:
 - 4.1 Maintenance of Cold Chain (50 marks)
 - 4.2 Millennium Development Goals (50 marks)

5. You are the Deputy Provincial Director of Health Services of Kalmunai Division. Just now you got a message (from National Disaster Warning Centre) stating that "an Earthquake of 9.5 Richter Scale has taken place in the deep sea near Andaman Islands, 20 minutes ago". Briefly describe what you are going to do for next one week from now onwards. (100 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

SELECTION EXAMINATION FOR MSc (MEDICAL ADMINISTRATION)
TRAINING PROGRAMME
(2006 POSTPONED) – MAY, 2007

Date : 8th May 2007

Time : 1.30 p.m. - 3.30 p.m.

All five questions to be answered.

'Part A and Part B to be answered in separate books.

PART A

1. Write short notes on:
 - 1.1. Avian influenza (25 marks)
 - 1.2. International Classification of Diseases (25 marks)
 - 1.3. Epidemiological transition (25 marks)
 - 1.4. Maternal death review (25 marks)

2. Distinguish between
 - 2.1. Incidence and Prevalence (25 marks)
 - 2.2. Programme and Project (25 marks)
 - 2.3. Objectives and Targets (25 marks)
 - 2.4. Management and Administration (25 marks)

3.
 - 3.1. What are the health consequences of floods ? (40 marks)
 - 3.2. What action will you take as a Medical Officer of Health to prevent spread of disease after floods ? (60 marks)

PART B

4.
 - 4.1. What are the main elements in the Drug Management Cycle? (25 marks)
 - 4.2. List five important causes for shortage of drugs in medical institutions. (25 marks)
 - 4.3. What are the steps that can be taken by a head of a medical institution to ensure availability of drugs ? (50 marks)

5. "Proper management of different types of resources will help to achieve the goals, objectives and targets of health programmes".
Discuss this statement using the National Expanded Programme of Immunization (EPI) as an example. (100 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

SELECTION EXAMINATION FOR MSc (MEDICAL ADMINISTRATION)
TRAINING PROGRAMME
NOVEMBER 2009

Date : 13th Nov. 2009

Time : 1.30 p.m. - 3.30 p.m.

All five questions to be answered.

Part A and Part B to be answered in separate books.

PART A

1. Write notes on :-
 - 1.1. Human Development Index (25 marks)
 - 1.2. DOTS (25 marks)
 - 1.3. Steps in an epidemiological investigation (25 marks)
 - 1.4. Health impact of global warming (25 marks)

2. You are the Medical Superintendent of a General Hospital in the Southern Province of Sri Lanka. A patient suspected of suffering from Novel Influenza A (H1N1) is admitted to your hospital. The staff and other patients are worried because of the recently reported death due to this disease. The patient has to be cared for in your hospital. Write in detail what actions you would take with regard to the care of this patient in your hospital and to allay the fears of the hospital staff. (100 marks)

3. Write notes on :-
 - 3.1. Organizing and presenting data (25 marks)
 - 3.2. Significance testing (25 marks)
 - 3.3. Normal distribution curve (25 marks)
 - 3.4. Sampling techniques (25 marks)

PART B

4. Several hospitals in Sri Lanka in recent times have successfully improved the quality of care through the application of Japanese Management principles. Discuss. (100 marks)

5. You are a member of a team appointed to prepare a plan to restore the health services in a district in the Northern Province, devastated by the civil war. Discuss what factors you will take into consideration in planning the health services for this district. (100 marks)

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

SELECTION EXAMINATION FOR MSc (MEDICAL ADMINISTRATION)
TRAINING PROGRAMME
OCTOBER 2010

Date : 27th October 2010

Time : 1.30 p.m.- 4.30p.m.

All five questions to be answered.

Part A and Part B to be answered in separate books.

PART A

1.
 - 1.1. List out ten (10) important challenges faced by the Medical Administrators in Sri Lanka at present. (50 marks)
 - 1.2. Select the most important one of the above and outline what steps you would take to address this challenge. (50 marks)
2. Write short notes on :
 - 2.1. Role of international NGOs in health development in Sri Lanka. (50 marks)
 - 2.2. Community participation in provision of health care. (50 marks)
3.
 - 3.1. What are the key stages in the drug management cycle? (50 marks)
 - 3.2. List the factors that can contribute to frequent shortages of drugs in health care institutions. (50 marks)

PART B

4.
 - 4.1. List five (05) main functions of ;
 - 4.1.1. Public Health Inspectors and
 - 4.1.2. Public Health Midwivesrelated to control of non communicable diseases in Sri Lanka. (25 marks)
 - 4.2. List the factors that contribute to the problem of non communicable diseases in Sri Lanka. (25 marks)
 - 4.3. Outline the role of Regional Director of Health Services to control prevailing non communicable diseases in a district. (50 marks)

5. You are a Director of a Hospital in Colombo District. Your infection control nurse has informed you that Multi Drug Resistance staphylococcus aureus (MRSA) infection is spreading in a surgical ward.
 - 5.1. List the possible sources. (25 marks)
 - 5.2. List the immediate steps to be taken. (25 marks)
 - 5.3. Outline the steps to be taken as a medical administrator to prevent such outbreaks. (50 marks)