

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**QUALIFYING EXAMINATION FOR SELECTION OF CANDIDATES FOR THE**  
**DIPLOMA IN MEDICAL MICROBIOLOGY**  
**MAY, 1996**

Date :- 27<sup>th</sup> May, 1996

Time : - 10.00 a.m. – 10.30 a.m.

**ESSAY PAPER**

**Write an essay on any one of the following topics.**

1. The limitations in the free health care services in Sri Lanka.
2. The Advanced Level examination is a suitable criterion for admission to the Medical Faculty.
3. The role of Health Education in the control of mosquito borne infections in Sri Lanka.
4. Diseases spread by water are still a public health problem in Sri Lanka.
5. The incidence of infectious diseases globally is a fraction of what it was fifty years ago.

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**QUALIFYING EXAMINATION FOR SELECTION OF CANDIDATES FOR THE**  
**DIPLOMA IN MEDICAL MICROBIOLOGY**  
**SEPTEMBER, 1998**

Date :- 28<sup>th</sup> September, 1998

Time : - 10.45 a.m. – 11.15 a.m.

**ESSAY PAPER**

Write an essay on any one of the following topics.

1. The incidence of tuberculosis has been rising in western countries in recent times after a steady decline.
2. Constraints in the control of human immunodeficiency virus infection.
3. Epidemiology of mosquito borne diseases in Sri Lanka.
4. The use of vaccines in the control of communicable diseases caused by viruses.

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**QUALIFYING EXAMINATION FOR SELECTION OF CANDIDATES FOR THE**  
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**SEPTEMBER, 2000**

Date: 11<sup>th</sup> September, 2000

Time: 3.45 p.m. - 4.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.  
Write an essay on any one of the following topics.**

1. Diseases spread by food are a public health problem in Sri Lanka.
2. The impact of the Expanded Programme of Immunization (EPI) on the health status of the people of Sri Lanka.
3. Drug abuse is a growing problem in Sri Lanka.
4. Strategies adopted to control vector borne diseases in Sri Lanka.
5. The increasing problem of drug resistance in mirco-organisms.

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**QUALIFYING EXAMINATION FOR SELECTION OF CANDIDATES FOR**  
**THE DIPLOMA IN MEDICAL MICROBIOLOGY**  
**AUGUST, 2001**

Date :- 13<sup>th</sup> August, 2001

Time :- 3.15 p.m. - 3.45 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

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

1. Impact of dietary habits on coronary heart disease
2. Problems encountered in the control of parasitic infections in Sri Lanka.
3. Increasing international travel has caused an increase in the incidence of traveler's diarrhea.
4. Strategies considered in enhancing community education and participation in dengue control programme in Sri Lanka.
5. The impact of hospital acquired infections.

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**AUGUST, 2002**

Date :- 26<sup>th</sup> August, 2002

Time :- 3.45 p.m. - 4.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.  
Write an essay on any ONE of the following topics.**

1. Your views on alternative practices of healing such as Ayurveda, Homeopatqy and the like, which are prevalent in Sri Lanka.
  
2. Environmental issues are major factors in infective disease transmission in urban areas in Sri Lanka.
  
3. Human rabies is preventable.
  
4. Hand washing is effective in preventing hospital acquired infections.
  
5. The role of the laboratory in health care services in Sri Lanka.

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**SEPTEMBER, 2003**

Date: 15<sup>th</sup> September, 2003

Time: 3.45 p.m. - 4.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.  
Write an essay on any ONE of the following topics.**

1. Healthy lifestyles contribute to the sustained development of a nation.
2. Ethical dilemmas faced by doctors in Sri Lanka.
3. Is there a need for a patient referral health care system in Sri Lanka ?
4. Your views on the revalidation of doctors in Sri Lanka.
5. The role of indigenous medicine in health care in Sri Lanka.

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**QUALIFYING EXAMINATION FOR SELECTION OF CANDIDATES FOR**  
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**AUGUST, 2004**

Date :- 23<sup>rd</sup> August, 2004

Time :- 3.15 p.m. - 3.45 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.  
Write an essay on any ONE of the following topics.**

1. "Incidence of coronary arterial disease is increasing in Sri Lanka" Discuss.
2. Use of biological agents in warfare.
3. Screening for diseases is an effective component of preventive medicine.
4. Privatization of health care is essential for a quality service.
5. "Waste not-want not" - Discuss in relation to water management in Sri Lanka.

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**AUGUST, 2005**

Date: 22<sup>nd</sup> August 2005

Time: 3.15 p.m. - 3.45 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.  
Write an essay on any ONE of the following topics.**

1. Antibiotic resistant pathogens are being increasingly reported in the community. What measures could be adopted to control this in Sri Lanka ?
2. Fifty percent of our population access private health care services in spite of the availability of free state health care. Discuss.
3. Is rabies elimination a reality in Sri Lanka ?
4. Role of the laboratory in disease surveillance.
5. There is a trend in the younger generation of Sri Lankans to resist smoking. Discuss.

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**AUGUST, 2006**

Date : 21<sup>st</sup> August 2006

Time : 2.45p.m. – 3.15p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.  
Write an essay on any ONE of the following topics.**

1. Discuss the role of the Microbiologist in a health-care setting.
2. Discuss the Cold Chain of vaccines of the Expanded Programme of Immunization.
3. ‘Tuberculosis is re-emerging globally’, Discuss.
4. Discuss the strategies for disaster management in a third world country.
5. Write an essay on prevention of blood borne infections.

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**AUGUST, 2007**

Date: 20<sup>th</sup> August 2007

Time: 2.45 p.m.- 3.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

Write an essay on any **ONE** of the following topics.

1. Modernization of the world has affected the trends of sexually transmitted diseases. Discuss.
2. Write an essay on mosquito control strategies and limitations.
3. Write an essay on zoonotic diseases in Sri Lanka.
4. Discuss waste disposal in hospital settings.
5. Write on prevention and control of infections due to feco-orally transmitted pathogens.

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**AUGUST 2008**

Date: 25<sup>th</sup> August, 2008

Time: 2.45 p.m. - 3.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

Write an essay on any **ONE** of the following topics.

1. Infective watery diarrhoea in Sri Lanka.
2. Occupational exposure to blood and body fluids in a health care setting.
3. Collection and transport of specimens for the diagnosis of viral infections.
4. Impact of questionnaire based donor screening in the prevention of transfusion associated infections.
5. "Generic versus branded pharmaceutical preparations".

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**AUGUST 2009**

Date: 24<sup>th</sup> August, 2009

Time: 2.45 p.m. - 3.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

Write an essay on any **ONE** of the following topics.

1. Factors contributing to the outbreaks of infections in IDP (Internally Displaced Persons) camps and measures which could be taken to control them.
2. How does the MDA (Mass Drug Administration) programme help in the elimination of filariasis in Sri Lanka.
3. Rational use of antibiotics.
4. How to improve the patient care services in the state sector hospitals in Sri Lanka.
5. Measures adopted to minimize contamination of specimens for bacterial cultures during collection and transport.

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**AUGUST 2010**

Date: 26<sup>th</sup> August, 2010

Time: 2.45 p.m. - 3.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

Write an essay on any **ONE** of the following topics.

1. In spite of a well funded tuberculosis (TB) control programme in Sri Lanka the TB incidence continues to increase. Explain possible reasons and discuss recommendations for better control of the disease.
2. Occupational infections in health care workers.
3. Role of clinical microbiologist in combating antibiotic resistance development.
4. Infections associated with international travel.
5. Discuss the possible factors that could contribute to the rising dengue epidemic in Sri Lanka.

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**AUGUST 2011**

Date: 25<sup>th</sup> August 2011

Time: 2.45 p.m. - 3.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

Write an essay on any **ONE** of the following topics.

1. Discuss prevention and control of dengue in Sri Lanka . (100 marks)
  
2. Discuss the existing system of notification of notifiable diseases in Sri Lanka. (100 marks)
  
3. Discuss the recommended measures for control and prevention of leptospirosis in Sri Lanka. (100 marks)
  
4. “Hospital waste management is a challenge in Sri Lanka.” Discuss this statement. (100 marks)
  
5. Explain the measures you would take as a medical officer in combating the problem of increasing antimicrobial resistance in Sri Lanka. (100 marks)

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**JULY 2012**

Date: 5<sup>th</sup> July 2012

Time: 2.45 p.m. - 3.15 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

Write an essay on any **ONE** of the following topics.

1. Explain the impact of stray dogs and unimmunized domestic dogs on our economy.
2. “ Private Medical Colleges in Sri Lanka” Is it a necessity of the era ? Discuss.
3. “ Childhood obesity” an upcoming problem in Sri Lanka. Discuss.
4. There has been an increasing trend of criminal acts in the society in the recent past. Can this be reduced by introducing the gallows ? Discuss.
5. “ Dengue control “ Is it the sole responsibility of the government ? Discuss.

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**JULY 2013**

Date: 4<sup>th</sup> July 2013

Time: 10.45 a.m. - 11.15 a.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

Write an essay on any **ONE** of the following topics.

1. Discuss the epidemiology of leptospirosis in Sri Lanka.
2. Hospital acquired infections are increasing in both developed and developing countries. They cause considerable morbidity and mortality among hospitalized patients.  
Describe the measures that you should take to minimize hospital acquired infections.
3. Discuss the impact of road traffic accidents on the health care delivery system and society.
4. Home accidents are preventable.  
Write your view on the above
5. “ Current dengue epidemic in Sri Lanka cannot be controlled by mosquito control alone “ . Discuss.

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**JULY 2014**

Date: 3<sup>rd</sup> July 2014

Time: 2.15 p.m. - 2.45 p.m.

**ESSAY PAPER**

**Please write clearly the question number on the cover page of the answer book.**

Write an essay on any **ONE** of the following topics.

1. Discuss the impact of the Expanded Program of Immunization (EPI) in changing the epidemiology of infectious diseases in Sri Lanka.
2. Discuss how microbiology services influence the management of patients in a General Hospital in Sri Lanka.
3. "Antibiotic resistance has emerged as a major health concern in Sri Lanka". Discuss the above statement.
4. "Most of the hospital acquired infections are transmitted via the hands of health care workers".  
Discuss how you would improve the hand hygiene compliance of the health care workers in your hospital.
5. Discuss how well the patients' rights are protected in Sri Lanka.