

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICAL ADMINISTRATION) PART II EXAMINATION
(RESCHEDULED) - OCTOBER 2021

Date:- 25th October 2021

Time:- 9.00 a.m. – 12.00 noon

Answer **all four (04)** questions.

Answer each question in a separate book.

PART A - PAPER I

1. You are the director of a Teaching Hospital. The Cardiology Unit of your hospital has many consultants who share resources, including wards, which are limited in bed capacity. There is a waiting list for cardiac interventions including cardiac angioplasty, which is partially due to inadequacy of trained human resource. Some consultants suggest that increasing cadre positions will solve this issue while others do not agree. Also, there is a plan to construct a new cardiac complex which is already in motion.

Discuss the process by which you, as the Director, will manage this situation to improve the cardiology service at the hospital. (50 marks)

2. The Ministry of Health has taken a decision to establish a new Molecular Laboratory for COVID-19 Real Time-polymerase chain reaction (RT-PCR) testing in your hospital for which fund allocation has been provided.

As the Director of the hospital, discuss in detail the steps involved in setting up this laboratory in order to provide timely and accurate test results to patients. (50 marks)

3. The Central Sterile Supplies Division (CSSD) is a very important department in a hospital from the quality point of view. The quality and efficiency of the CSSD can affect quality of services of all other departments in the hospital that use sterile supplies. Therefore, the CSSD should have adequate infrastructure of the right quality including well trained workforce, facilities and equipment conducive to maintaining a high level of asepsis in the hospital.

As a consultant medical administrator, discuss the lay out and processes of the CSSD and the evaluation of quality of process using relevant indicators. (50 marks)

4. Discuss how the Quarantine and Prevention of Disease Ordinance contributed to the implementation of measures for control of COVID-19 in Sri Lanka in 2020 - 2021. (50 marks)

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MD (MEDICAL ADMINISTRATION) PART II EXAMINATION
(RESCHEDULED) - OCTOBER 2021

Date:- 26th October 2021

Time:- 9.00 a.m. – 12.00 noon

Answer **all ten (10)** questions.

Answer each question in a separate book.

PART A - PAPER II
(SHORT ANSWER QUESTIONS)

1. As a Medical Administrator you have noticed that wastage of pharmaceutical drugs occurs at various levels of the supply chain including the Medical Supplies Division (MSD), Regional Medical Supplies Division (RMSD) and at the institutional level.

List and briefly describe the measures you would propose in order to minimize the wastage of pharmaceutical drugs in this supply chain process. (20 marks)

2. “Continual Quality Improvement” is more suitable to the Sri Lankan context than “Breakthrough Quality Improvement” or “Continuous Quality Improvement”.

Do you agree with the statement? Justify your answer with the graph.

(20 marks)

3. “Currently Sri Lankans need more and more Rupees to buy one US dollar” says a news item.

Describe the factors that influence Currency Exchange rates. (20 marks)

4. As a recently appointed Regional Director of Health Services to District X, you observe that only about 50% of the targets of the Annual Health Development Plan of the previous year were achieved.

4.1. What may be the reasons for this under achievement? (06 marks)

4.2. How will you develop a realistic Annual Health Development Plan for the next year ensuring that the majority of the planned activities are implemented before the end of the year? (14 marks)

5. Several incidents of “wrong site surgeries” have been reported from a District General Hospital.

As the Director of the hospital describe the measures you will take to investigate these incidents and prevent their recurrence. (20 marks)

Contd...../10

6.

6.1. What do you understand by the term “Results Framework”? (05 marks)

6.2. Outline a Results Framework to illustrate how you will monitor and evaluate the Dengue prevention and control programme in a district?
(15 marks)

7. Non communicable Diseases account for more than 80% of the deaths in Sri Lanka. It is known that reduction of salt is directly linked to reduction of blood pressure.

As the Director of a Teaching Hospital, you want to introduce a hospital diet which will provide 5 g of salt/person/day for patients and staff.

Briefly discuss the possible challenges in implementing a hospital diet containing 5 g salt/person/day and how you would address the challenges.
(20 marks)

8. A pilot project to strengthen primary care including back referral to the primary care institution from the Apex hospital is being implemented to improve continuity of care. It is noted that in many cases antibiotics prescribed at Apex level are not available at the primary care institutions.

According to the Antibiotic guidelines, primary care institutions are not provided with all the antibiotics available at Apex hospital level.

As the Regional Director of Health Services where this pilot project is taking place how will you address this situation in your district? (20 marks)

9. You are the administrator in a large hospital. It has come to your notice that a clinician working in the psychiatry department is recruiting subjects for a research study which is being sponsored by a pharmaceutical company. The subjects are being recruited from among the patients who visit his unit in the hospital.

List and explain five (05) ethical principles which you, as the Director of the hospital need to be aware of when subjects are recruited for this research study.
(20 marks)

10. You have been appointed as the Director of a Teaching Hospital.

Discuss the strategies which you would use to establish an effective medication safety programme in the hospital.
(20 marks)