

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICAL ADMINISTRATION) PART II EXAMINATION –
AUGUST 2016

Date :- 1st August 2016

Time :- 1.00 p.m. – 4.00 p.m.

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

Answer each question in a separate book.

PART A - PAPER I

1. Dengue fever is a raging problem in many districts of Sri Lanka. You have been asked to prepare a concept note on a project aimed at reducing the problem of Dengue fever in one district, which will serve as a model for other districts to follow.
 - 1.1. The first section in your concept note is titled “Situation analysis”. List and describe the information that you would want to collect regarding this problem at the district level. (20 marks)
 - 1.2. Describe the techniques you would use to collect the information outlined in 1.1 above. (15 marks)
 - 1.3. List and briefly explain the criteria you would use to prioritize Dengue fever as an important problem in the area over other health problems. (15 marks)
2.
 - 2.1. What do you understand by quality cost? (10 marks)
 - 2.2. List and briefly describe four (04) types of Quality Costs. (20 marks)
 - 2.3. As a Medical Administrator what measures will you take to reduce the quality costs in a Teaching Hospital. (20 marks)

Contd..../2-

3.

- 3.1. What do you understand by the term "Management Information System" (MIS)? (10 marks)
- 3.2. List and briefly describe five (05) MIS applications practiced in curative healthcare institutions. (20 marks)
- 3.3. List and discuss the benefits of implementing MIS in curative healthcare institutions. (20 marks)

4.

- 4.1. What do you understand by shared leadership in healthcare management? (05 marks)
- 4.2. List and describe the various styles of leadership giving an example for each style. (15 marks)
- 4.3. If you were a Regional Director of Health Services (RDHS) of a District which was affected by landslides and floods in the recent disaster in Sri Lanka, describe the role of leadership in managing the situation. (30 marks)

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MD (MEDICAL ADMINISTRATION) PART II EXAMINATION –
AUGUST 2016

Date :- 2nd August 2016

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.

- 1.1. What do you understand by the term “globalization” with respect to healthcare? (05 marks)
- 1.2. Briefly explain the positive and negative aspects of globalization with respect to the healthcare scenario at a country level. (15 marks)

2. It is suggested to have a “cluster system” of curative care institutions in Sri Lanka.

- 2.1. What do you understand by the concept of “cluster system” of curative care institutions? (10 marks)
- 2.2. What are the advantages of a “cluster system” as against the present system of curative care institutions? (10 marks)

3. “The Elderly in the country are a vulnerable group, requiring specific healthcare intervention.”

As an administrator at the national level, justify this statement. (20 marks)

Contd...../2-

4. Anaemia is identified as a public health problem among school children in your district. As a Regional Director of Health Services (RDHS) of the district you are approached by a researcher with a proposal to conduct a clinical trial involving the weekly administration of fortified iron tablets to school children (classes 8,9 and 10) in order to improve the situation with respect to anaemia among school children in the district.

List and briefly describe the ethical aspects which must be taken care of in this study. (20 marks)

- 5.
- 5.1. What do you understand by the term "Non-Probability Sampling Design"? (05 marks)
 - 5.2. Name three (03) Non-Probability Sampling Designs. (05 marks)
 - 5.3. Discuss briefly one (01) Non-Probability Sampling Design mentioned above. (10 marks)
6. Absenteeism among Health Assistants (minor staff) has been observed to be a major problem in health care institutions in the country. As the Director of a District General Hospital you decide to study this problem in detail using a survey method.
- 6.1. Outline the stepwise process of developing a questionnaire for this study. (10 marks)
 - 6.2. Name two (02) actions you will take to ensure construct validity in the questionnaire. (10 marks)
- 7.
- 7.1. Explain the records keeping process at the level of Regional Director of Health Services (RDHS) office. (10 marks)
 - 7.2. List and briefly describe problems associated with record keeping at this level. (05 marks)
 - 7.3. Propose possible solutions in overcoming the problems associated with record keeping and retrieval at RDHS office. (05 marks)

8. Ministry of Health in a recent national nutrition survey has identified overweight and obesity as a public health problem among the Sri Lankan population. In this context, you have been given the task of reviewing the existing National Nutrition Policy.

Outline the steps you propose to formulate a new policy to address this problem. (20 marks)

9.

- 9.1. What do you understand by the term “Healthcare Associated Infections” (HAI)? (05 marks)

- 9.2. As the Director of a District General Hospital (DGH), how will you implement an infection control programme in your hospital to reduce the problem of HAI? (15 marks)

10.

- 10.1. What do you understand by strategic management? (05 marks)

- 10.2. Briefly explain the following terms with an example for each, related to the management of a tertiary care hospital.

- (a) Vision
- (b) mission
- (c) goals
- (d) objectives
- (e) Porter’s Model

(15 marks)