

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICAL ADMINISTRATION) PART II EXAMINATION –
SEPTEMBER 2013

Date :- 4th September 2013

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. You are the Deputy Director General of Education, Training and Research (DDG/ET&R) of the Ministry of Health. You have a limited budget to fund research projects but have received many proposals.
 - 1.1. What criteria would you use to evaluate these proposals to prioritize for funding? (30 marks)
 - 1.2. Briefly describe the procedure you would adopt. (20 marks)

2.
 - 2.1. Compare and contrast human resource management practices in public and private tertiary care hospitals. (30 marks)
 - 2.2. What steps would you take to assess performance of middle level managers in a public tertiary care hospital? (20 marks)

3.
 - 3.1. What is the relative impact of patient care delivery by physicians, clinics, hospitals on outcomes such as, prematurity, infant survival and life expectancy, compared to impact of social determinants of health such as, education, economic status, genetics, obesity and smoking? (20 marks)
 - 3.2. Outline the mechanisms adapted at district level to strengthen intersectoral coordination to address the social determinants of health. (30 marks)

Contd...../2-

4. A 24 year old undergraduate girl sustained a fracture of the forearm following a fall. She was admitted to a District General Hospital. The fracture was reduced and Plaster of Paris (POP) cast was applied. Few hours after applying POP she complained of severe pain. Unfortunately she ended up losing her arm.
- 4.1. Identify the root causes of this untoward event using a quality improvement tool. (25 marks)
- 4.2. Identify the active and latent failures in the above case. (10 marks)
- 4.3. If you are the Director of this hospital, what measures would you take to avoid such events in the future? (15 marks)

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MD (MEDICAL ADMINISTRATION) PART II EXAMINATION –
SEPTEMBER 2013

Date :- 5th September 2013

Time :- 9.00 a.m. – 12.00 noon

PART A - PAPER II
(SHORT ANSWER QUESTIONS)

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

Answer each question in a separate book.

1. Assume that you are the Director of a Teaching Hospital and you observe a high readmission within 30 days of the first discharge of patients.

What would be the possible causes and outline the strategies you will adopt to address this issue ? (20 marks)

2. A passenger from a middle east country which has reported cases of Middle East Respiratory Syndrome was identified as a person with fever on arrival at the Bandaranayake International Airport, Katunayake.

What advice would you give the airport health officer to manage this incident? (20 marks)

3. Assume that you have been appointed as a management consultant to conduct a strategic analysis of the National Programme for Tuberculosis Control and Chest Diseases.

What steps would you undertake to accomplish this task and give reasons for each step? (20 marks)

4. Identify a vital process which can be out sourced for better management of a Teaching Hospital.
 - 4.1. On what criteria would you recommend this process? (10 marks)
 - 4.2. List out the advantages/disadvantages of out sourcing this process. (10 marks)

5. A District General Hospital receives a significant number of transfers from divisional hospitals of the catchment area. When patients are transferred it was evident that the attendants have to wait for long hours to hand over the patients.
 - 5.1. What would be the possible causes? (10 marks)
 - 5.2. Outline the steps you take as a Regional Director of Health Services to improve the situation. (10 marks)

6. Deputy Director General (Biomedical Services) informed you that overall equipment effectiveness of your laboratory is not satisfactory.

Assuming you are the Director of the hospital, what measures would you take to improve overall equipment effectiveness? (20 marks)

7. Critique the statement “the National Health Development Plan 2013 – 2017 has failed to address the priority health needs of the elderly.” (20 marks)

8. You are the Regional Director of Health Services. Your MO (MCH) reports that the neonatal mortality rate is higher than the national average.

List the possible causes and the measures you would take in order to reduce the neonatal mortality rate. (20 marks)

9. “Primary prevention alone cannot bring down the morbidity and mortality due to non communicable diseases”. Discuss. (20 marks)

10. “Health sector alone cannot control the Dengue outbreak” Critique. (20 marks)