

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICAL ADMINISTRATION) PART II EXAMINATION –
SEPTEMBER 2017

Date :- 11th ~~August~~ ^{September} 2017

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. Antimicrobial resistance is an emerging problem all over the world.
 - 1.1. What factors you would consider in developing a plan to overcome the antimicrobial resistance in Sri Lanka? (15 marks)
 - 1.2. As a Director of a Teaching Hospital what actions should you take to reduce antimicrobial resistance? (10 marks)
 - 1.3. What challenges you would anticipate and how you would address these challenges during implementation in your hospital? (15 marks)
 - 1.4. How would you expect to demonstrate the effectiveness of the actions you intend to implement in your hospital? (10 marks)

2. Paediatric to adult transition is an important milestone which should be reflected when developing healthcare strategies.
 - 2.1. “Adolescents are a vulnerable group requiring specific health care interventions”. Critique the above statement with suitable examples. (20 marks)
 - 2.2. Describe the health implications of adolescence which need to be addressed by the Sri Lankan health system. (15 marks)
 - 2.3. As a Regional Director of Health Services (RDHS) how would you set up a plan to address these adolescent health issues in your district? (15 marks)

Contd...../2-

3. You are the Director of Planning in the Ministry of Health. The Deputy Director General Planning has asked you to prepare a concept paper on Human Resource Management (HRM) for planning requirements of the cadre for Consultant Endocrinologists.
- 3.1. What do you understand by the term strategic “Human Resource Management (HRM)” (10 marks)
- 3.2. Describe how you would apply principles of resource based strategic Human Resource Management when preparing your concept paper. (20 marks)
- 3.3. Discuss how you would use the principles of strategic Human Resource Management using competencies of other staff to facilitate task sharing and task shifting to prepare your concept paper. (20 marks)
- 4.
- 4.1. What do you understand by the term “High Reliability Organization” (HRO)? (05 marks)
- 4.2. Assuming you are the Director of a Provincial General Hospital, how you would assess the current state of the organization as a HRO? (15 marks)
- 4.3. Describe what steps you would take to transform your organization into an HRO. (15 marks)
- 4.4. Describe how you would assess your own organization to assure yourself that it is a HRO after implementation of the plan. (15 marks)

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MD (MEDICAL ADMINISTRATION) PART II EXAMINATION –
SEPTEMBER 2017

Date :- 12th September 2017

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. The Ministry of Health has made a decision to appoint three surgeons to a hospital which previously had only two surgeons. The third surgeon has been appointed to your hospital. Shortly after this, a conflict in sharing resources such as operating theatre time, beds, clinics and staff etc. has been reported to you. Two of the surgeons had a physical confrontation. This had been reported in the local press along with a story that patient care has suffered.
Describe what actions would you take to resolve the problem. (20 marks)

2. The Ministry of Health intends to establish a Human Resource Development Unit.
How would you as a capacity management consultant use the following tools to design the format?
 - 2.1. Graphic Rating Scale Method (10 marks)
 - 2.2. Forced Distribution Method (10 marks)

3. The relationship between quality and safety is described as “Quality is raising the ceiling and patient safety is raising the floor”.
Explain with examples. (20 marks)

4.
 - 4.1. What do you understand by the term “work study”? (05 marks)
 - 4.2. Describe two (02) techniques of work study with examples. (15 marks)

5. You are the Director of a newly established hospital. How would you assure an external body that your hospital has in place systems of good governance in the broadest sense of the word? (do not limit your response to clinical governance alone). (20 marks)
6. Decision making is a vital component of public sector management. Discuss how problem areas in public sector decision making may be overcome. (20 marks)
7. You are the Provincial Director of Health Services of North Central Province.
- 7.1. List the stakeholders in chronic kidney disease of unknown origin. (08 marks)
- 7.2. How will you secure their engagement to improve prevention and treatment strategies within the province? (12 marks)
8. One hospital in your RDHS division has reported an increase in neonatal deaths in last month's return. How would you respond? Describe with reasons. (20 marks)
- 9.
- 9.1. Discuss the difference of "bias" and "confounding factors" in health system research giving examples. (08 marks)
- 9.2. What do you understand by "blinding" in a research study? (06 marks)
- 9.3. Describe the usefulness of content analysis in health system research. (06 marks)
10. You are the Director of a Teaching Hospital. A patient admitted for an elective amputation of the right leg had an amputation of the left leg. (wrong side surgery)
- 10.1. What steps would you take to initiate a preliminary inquiry in this regard? (10 marks)
- 10.2. How you are going to prevent such adverse events in the future? (10 marks)