

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

SELECTION EXAMINATION FOR MSc (MEDICAL ADMINISTRATION)
FEBRUARY 2024

Date:- 14th February 2024

Time:- 9.00 a.m. – 12.00 noon

PAPER I

Answer all five (05) questions.

Each question to be answered in a separate book.

1. 'Key managerial skills are critical to a Medical Officer in managing a government health care institution effectively'.
Discuss this statement. (20 marks)

2. A Medical Officer in Charge of a hospital has to manage a large number of health care personnel belonging to different categories of staff.

What are human resource management principles a Medical Officer needs to address in managing his/her staff? (20 marks)

3.

- 3.1. Define mean, median and mode in descriptive statistics. (05 marks)

- 3.2. 61, 62, 63, 64, 75, 76, 76, 87, 88, 89, 90 are the ages of elders who are receiving care from a geriatric clinic in a Teaching Hospital.
Considering the above data set find the following:

3.2.1. Mean age of the elderly population (03 marks)

3.2.2. Median age of the elderly population (03 marks)

3.2.3. Mode of the elderly population. (03 marks)

3.2.4. Calculate the range of the given data set. (03 marks)

3.2.5. Calculate the standard deviation. (03 marks)

Contd..../2-

4. "Sri Lanka has a strong primary healthcare system, yet patients by-pass peripheral health care institutions resulting unfavorable consequences to the public and to the health care providers".

4.1. Outline the factors that leads to the above situation. (10 marks)

4.2. What actions would you suggest to overcome the above situation?
(10 marks)

5. It has been estimated that there will be a significant reduction in the failure cost if an appropriate patient safety programme is initiated in the hospitals.

5.1. What do you understand by patient safety? (04 marks)

5.2. Outline the challenges you may encounter when implementing a patient safety programme in the hospital? (08 marks)

5.3. Briefly explain how you can overcome those challenges in implementing the patient safety programme. (08 marks)