# AMREF INTERNATIONAL UNIVERSITY
## SCHOOL OF PUBLIC HEALTH
## DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
## BSC HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
## END OF JANUARY-APRIL 2023 SEMESTER EXAMINATION

**HMD 423: Global health & innovations**

**Date : Wednesday 12th April 2023**

**TIME :** Two (2) Hours        4:15 PM-6:15 PM

**Instructions**

1) This paper has two sections; Section A and Section B
2) Answer **ALL** questions in Section A
3) For Section B, answer any two (2) questions of your choice
4) Use the university examination booklets provided
5) Write your student registration number on all your answer sheets

**Section A 30 marks – answer all questions**

**Question 1**.

State any two (2) mandates of the international health regulation (2 marks)

**Question 2**.

State any five (5) determinants of health affecting global populations (5 marks)

**Question 3**.

Outline five (5) reasons for cooperation in addressing global health problems (5marks)

**Question 4.**

Highlight any five (5) global health interventions within public health systems (5 marks).

**Question 5.**

    a) Define telemedicine                          (1 mark)

    b) With examples, briefly explain the two types of telemedicine    (4 marks)

**Question 6**.

Briefly explain the four (4) indicators of disease burden      (8 marks)


**Section B Three questions of 20 marks each. Answer any two of your choice**
**Question 7.**

Implementation roadblocks exist for both patients and the health industry despite the obvious adoption benefits of telemedicine. Discuss 5 advantages and 5 challenges facing the telemedicine industry                                 (20 marks).

**Question 8.**

One of the key development challenges facing policymakers in low-income countries is how they can speed up the demographic and epidemiologic transitions at the lowest possible cost. How can these countries, improve their health status as rapidly as possible and at the least possible cost                             (20 marks).

**Question 9.**

With the indicators of disease burden, discuss four reasons why is it valuable to have such indicators to measure the burden of diseases
.                                     (20 marks).