



香港社會醫學學院  
HONG KONG COLLEGE OF COMMUNITY MEDICINE  
founder College of the Hong Kong Academy of Medicine  
*Incorporated with limited liability*



## ADMINISTRATIVE MEDICINE

### Part I Examination

Thursday 3 June 2021

14:30 – 16:00 (1½ hours)

### Paper IB

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**Candidates must answer all parts of this questions**

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*Style, clear grammatical English and legibility will be taken into consideration by the Examiners. Answers should be written in a form appropriate to the audience specified in the question.*

*Weighting of marks for each part of the question is shown in parenthesis.*

**DO NOT OPEN PAPER UNTIL THE INVIGILATOR  
INSTRUCTS YOU TO BEGIN**

7. The years 2020-21 will go down in history as a once in a century pandemic since its declaration by WHO on 11 March 2020.

a. Please explain what is a pandemic and how Covid-19 is transmitted.

(2 marks)

b. Describe the key interventions taken by hospitals to control viral spread. Explain the rationale and challenges. (4 marks)

c. Discuss the public health measures a government may include in an action plan to combat the pandemic. (4 marks)

**QUESTION CONTINUES**

8. The Hong Kong Government publishes yearly Domestic Health Accounts, which summarize health-related money flow in the whole community, including its sources and where it goes.

- a. What are the purposes of compiling and publishing yearly Domestic Health Accounts? (2 marks)
  
- b. What are the key elements you would expect to see in the Domestic Health Accounts? (4 marks)
  
- c. Postulate and explain how the Covid-19 epidemic might impact on the various elements in Hong Kong's Domestic Health Accounts for 2020, compared with previous years. (4 marks)

**QUESTION CONTINUES**

9. In the midst of COVID-19 pandemic, the local government has approved vaccines for emergency use and purchased sufficient amount of vaccines for the whole population. In order to achieve herd immunity within the shortest timeframe, the Government intends to set up community vaccination centres (CVC) for general public and outsource the operation of CVC to non-Government Organizations (NGO).

You are the CEO of a regional not-for-profit private healthcare organization with a network of hospitals and ambulatory care facilities.

You are one of the NGO invited to set up and operate a community vaccination centre in your facilities to provide vaccination services to the local population with activity-based reimbursement.

a. What are the key persons/bodies involved in the governance structure for setting up and operation of your community vaccination centre. Draw a governance structure diagram to illustrate your answers. (2 marks)

b. Describe the roles and responsibilities of the key persons/bodies in the governance structure. (4 marks)

**QUESTION CONTINUES**

- c. List out the items you think should be included in the accountability report to the government that reflect the performance of your organization in terms of input, output and outcome and quality.

(4 marks)

**QUESTION CONTINUES**

10. There are various definitions on quality in healthcare. The Institute of Medicine (1990) defined it as “*the degree to which health services for individuals and populations increase the likelihood of desired health outcomes and are consistent with current professional knowledge*” and is better accepted. The Institute of Medicine has also identified 6 dimensions of quality.

- a. List and explain on the six domains on quality as proposed by Institute of Medicine. (3 marks)
  
- b. Total quality management and LEAN management have been introduced into healthcare as quality improvement strategies and they have been successful in improving quality of healthcare services.
  - i. Choose any one of the two strategies as an example and briefly explain how it can improve quality in healthcare. (2.5 marks)

**QUESTION CONTINUES**

- ii. What are the barriers in applying the strategy you have chosen in (i) as a quality improvement tool in healthcare?  
(2.5 marks)
  
- c. Elaborate on the roles of patients and carers in the quality improvement process? (2 marks)

**END OF PAPER**

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