

Sample Examination Paper

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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

Sample Paper ( 2½ hours )

Paper IA

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**Candidates must answer all six questions**

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*This paper is intended to test knowledge across the broad range of the discipline. Candidates will be much disadvantaged if they fail to attempt any of the six questions or give grossly inadequate answers to **any** of them. It is, therefore, essential that candidates **ALLOW SUFFICIENT TIME FOR EVERY QUESTION**. Each question will carry a maximum of 10 marks.*

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

1. Write short notes on
  - (a) Cluster sampling
  - (b) Predictive value of a positive screening test result
  - (c) Confidence intervals
  - (d) Publication bias

2. The follow-up data from the Blood Transfusion Service can be used to assess the health experience of different categories of donors. The table below shows the results from a cohort study that examined causes of death over the subsequent 25 years amongst blood donors found positive for hepatitis B surface antigen.

Cause of death (ICD 9 codes)	Males			Females		
	Observed number	Expected number	SMR (95% CI)	Observed number	Expected number	SMR (95% CI)
All causes	363	329.6	110 (99-122)	57	76.9	74 (57-96)
Hepato-cellular carcinoma	15	0.67	2254 (1261-3717)	1	0.09	1175 (27-5989)
Ischaemic heart disease	22	37.0	59 (37-90)	3	4.8	62 (13-182)

- (a) What does the acronym SMR stand for?
- (b) What is a 95% CI (confidence interval) and what does it tell you?
- (c) How do you think the expected numbers were calculated?
- (d) What do the data show?
- (c) Suggest a reason for the ischaemic heart disease findings.

3. Electronic records systems may lead to better medical care.
  - (a) Describe briefly the criteria for the establishment of good quality medical records.
  - (b) Outline how you would implement and evaluate a new computer-based clinical records system.

QUESTION CONTINUES ↪

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4. Write short notes on **two** of the following?
  - (a) Staff appraisal
  - (b) Concepts of accountability
  - (c) Clinical governance
  
5. Discuss the role of health care managers in the management of complaints procedures.
  
6. Write short notes on **two** of the following:
  - (a) Social justice
  - (b) Non-verbal communication
  - (c) Main characteristics of a profession

**END OF PAPER**