4. You are the Hospital Chief Executive of an acute general hospital in the public sector. Your orthopaedic head would like to introduce a new implantable hip device with a new bearing surface for joint replacement patients. From the perspective of health technology assessment, discuss your approach to his request for introduction of this new technology.

(10 Marks)

5. Write short notes on the features of a good complaint management system in public hospitals.

(10 marks)

6. Primary healthcare has been regarded by health authorities world-wide as the cornerstone for safeguarding the health of their people. Taking reference from recent policy consultation documents, elaborate your views on the ways the HKSAR Government plans to adopt to enhance the role of primary healthcare in the local healthcare system.

(10 marks)

END OF PAPER

ADMINSTRATIVE MEDICINE

Part I Examination

Monday 11 June 2012

13:30 – 16:00 (2½ hours)

Paper IA

Candidates must answer all parts of this questions

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

1. Choose <u>TWO</u> (out of four) of the following research models and describe their key strengths and weaknesses.

   (a) randomized control trial

   (b) focus group

   (c) case control studies

   (d) telephone survey

   (10 marks)

2. In a prospective cohort study, 14 smoking and 15 non-smoking mothers with comparable baseline characteristics were recruited to investigate the association between smoking status and the weight of newborn babies (kg).

   (a) What is a prospective cohort study? Elaborate based on this study design.

   (3 marks)

   (b) Write down the null hypothesis of this study.

   (1 mark)

   (c) Which parametric test would you use to compare the mean weight difference of newborn babies between the two groups of mothers?

   (1 mark)

   (d) If the study design is now changed to a matched case-control study, describe the steps you would take to carry out the study covering subject selection (2 marks), data collection (1 mark) and data analysis (2 marks).

   (5 marks)

3. Write short notes on :

   (a) Gender difference with respect to women's health

   (4 marks)

   (b) Self help and advocacy groups

   (3 marks)

   (c) Social networks and their roles in determining health

   (3 marks)