

Section A: Essay questions (please answer one question)

Question 1

As the infection prevention and control doctor, you have been asked by the senior management team at your hospital to investigate two fatal cases of hospital acquired Influenza A infection as a serious clinical incident and to write a formal report for the hospital clinical governance board after the investigation. Describe how you would undertake the investigation and write the report.

Your answer should include:

- a) The process you would use to investigate the incident
- b) Who should be in your investigation team?
- c) How you would gather and map information related to the incident and what sources of information and guidance you would use?
- d) How you would structure your report?
- e) How you would ensure that your recommendations are implemented?

Question 2

The Chair of the Antimicrobial Stewardship Committee in your Trust has asked you to draft a Surgical Antibiotic Prophylaxis Policy for use across the various surgical specialties.

- a) Outline a wound classification system (for example, the National Healthcare Safety Network wound classification system) and explain how this would be reflected in the policy.
- b) Discuss the factors involved in choosing appropriate antibiotics for different surgical procedures.
- c) Outline situations in which you would recommend intra-operative re-dosing of antibiotics.
- d) How will you ensure compliance with the Policy?