



**The Hong Kong College of Anaesthesiologists**

**Final Fellowship Examinations**

**Paper II – Radiology (1-6)**

**11 March 2019 (Monday)**

**12:50 – 13:00 hours**

**Instructions:**

- a. This is a question-answer book. Please write your answers in the space provided.
- b. Write your candidate number on every page of the answer book.
- c. Use ink or ball-point pen.
- d. There are 6 questions in this paper, each with multiple parts.
- e. Answer **ALL** questions. They are worth equal marks.
- f. For questions with multiple parts, allocation of marks is indicated in the brackets.
- g. The associated image(s) for each question is (are) included in the “Film Book” under the same question number.

**Question 1**

**This is the chest X-ray of a 70-year-old man admitted for elective hernia repair.**

- a) List THREE abnormalities. (3 marks)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

(3) \_\_\_\_\_

- b) What procedure has he had? (1 mark)

\_\_\_\_\_  
\_\_\_\_\_

**Question 2**

**This is a 60-year-old man with history of diabetes and hypertension. He presented to the A&E Department with neck pain and sore throat for 5 days.**

a) List TWO abnormalities. (2 marks)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

b) What is the diagnosis? (1 mark)

\_\_\_\_\_  
\_\_\_\_\_

c) Name TWO other investigations you would do. (1 mark)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

**Question 3**

**This is a one-year-old boy born full-term with good past health. He presented with dullness and poor feeding for 3 days.**

a) What is the diagnosis? (1 mark)

\_\_\_\_\_  
\_\_\_\_\_

b) List THREE radiological findings. (3 marks)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

(3) \_\_\_\_\_

**Question 4**

**This is a 70-year-old man with history of gallstones, diabetes, hypertension, palpitations and syncope. He is seen at the Pre-anaesthesia Assessment Clinic for elective laparoscopic cholecystectomy.**

a) Name the structures labelled W, X and Y in his chest X-ray. (3 marks)

(W) \_\_\_\_\_

(X) \_\_\_\_\_

(Y) \_\_\_\_\_

b) List TWO possible indications for this patient to have this device. (1 mark)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

**Question 5**

**This is a 30-year-old man who presented with one day history of chest pain and shortness of breath. His vital signs in the A&E Department are BP 82/50, Pulse 115/min, SpO2 94% on 4L/min oxygen.**

a) What is the diagnosis? (1 mark)

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b) List THREE radiological findings to support your diagnosis. (3 marks)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

(3) \_\_\_\_\_

**Question 6**

**This is a 60-year-old lady with good past health. She presented with increasing shortness of breath for 3 months.**

a) Describe TWO abnormalities. (1 mark)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

b) List TWO differential diagnoses. (2 marks)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

c) What TWO further relevant investigations would you do preoperatively? (1 mark)

(1) \_\_\_\_\_

(2) \_\_\_\_\_

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