The Hong Kong College of Anaesthesiologists

Final Fellowship Examination

Paper II – Radiology (1-6)

10 September 2018 (Monday)

13:20 – 13:30 hours

Candidate no. _____

Instructions:

a. This is a <u>question-answer book</u>. Please write your answers in the space provided.

b. Write your candidate number on the cover of the answer book.

c. Use ink or ball-point pen.

d. There are 5 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

a. What is the radiological diagnosis? (2 marks)

b. Name FOUR (4) specific radiological features to support your diagnosis. (2 marks)

1.

2.

3.

4.

c. Name one (1) specific treatment. (1 mark)

Question 2

a. **List four (4) abnormalities. (4 marks)**

1. _____

2. _____

3. _____

4. _____

b. **What is the corresponding clinical condition? (1 mark)**

_____

_____

Question 3

A 35-year-old man has dislocated shoulder and scheduled for shoulder stabilization under general anaesthesia with interscalene block.

a. **List the nerve(s) / nerve root(s) that will be blocked? (1 mark)**

_____

_____

b. **A linear ultrasound transducer probe was used and placed at cricoid level for interscalene block. Names the structures shown in the ultrasound image. (2 marks)**

1. _____

2. _____

3. _____

4. _____

c. **List two (2) advantages of using ultrasound guided regional anaesthesia compared with peripheral nerve stimulation technique. (2 marks)**

1. _____

2. _____

Question 4

59-year-old man with acute respiratory failure, tachycardia and hypotension. He has history of chronic lung disease. An echo probe is placed at left 6th intercostal space, mid-clavicular line.

a. **List two (2) abnormalities shown in this echocardiogram. (1 marks)**

1. _____

2. _____

b. **List two (2) differential diagnoses. (2 mark)**

1. _____

2. _____

c. **List the specific management for the differential diagnoses listed in question (b)? (2 marks)**

1. _____

2. _____

Question 5

a. **List three (3) abnormalities in this CT scan of the neck. (3 marks)**

1. _____

2. _____

3. _____

b. **What are the usual mechanism and cause of injury? (2 marks)**

Mechanism: _____

_____

Cause: _____

_____

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