

Sample Written Exam – Anesthesiology

Question 1

A 25-year-old man with Duchenne muscular dystrophy is scheduled for an emergent laparotomy for a perforated bowel. What cardiac condition is **MOST** commonly associated with this disease?

- a. ***dilated cardiomyopathy (CORRECT ANSWER)**
- b. arrhythmogenic right ventricular dysplasia
- c. ventricular septal defect
- d. atrioventricular conduction defect

Question 2

Which of the following factors is the **MOST** important determinant of the spread of epidural block?

- a. age of patient
- b. height of patient
- c. ***site of insertion (CORRECT ANSWER)**
- d. volume of injection

Question 3

ALL EXCEPT ONE of the following are absolute indications for lung separation. Indicate the exception.

- a. bronchopleural fistula
- b. bronchoalveolar lavage
- c. ***thoracoscopy (CORRECT ANSWER)**
- d. massive pulmonary hemorrhage

Question 4

A 56-year-old man undergoes cardiac catheterization. He is found to have an end-diastolic volume of 120 mL, a total stroke volume of 60 mL, and a heart rate of 80 bpm. What would be the calculated ejection fraction?

- a. 25%
- b. 33%
- c. 40%
- d. ***50% (CORRECT ANSWER)**



Question 5

The differential diagnosis of a seizure in a woman in active labor includes all **EXCEPT ONE** of the following. Indicate the exception.

- a. Cortical vein thrombosis
- b. ***Abruptio placentae (CORRECT ANSWER)**
- c. Eclampsia
- d. Amniotic fluid embolism