1. Capnography estimates which of the following?
   a. PaCO2
   b. PaO2
   c. SpO2
   d. SpCO2

2. Which of the following is not detected using capnography?
   a. Correct tracheal intubation
   b. Peripheral oxygenation
   c. Cardiogenic shock
   d. Airway obstruction

3. Hypercapnia may be caused by:
   a. Hyperventilation
   b. A light plane of anaesthesia
   c. Hypoventilation
   d. A deflated endotracheal tube cuff

4. Hypocapnia may be caused by:
   a. Hyperventilation
   b. Hypoventilation
   c. Malignant hyperthermia
   d. Laparoscopic procedures

5. Mainstream capnography has a quicker response time compared with the sidestream capnography method:
   a. True
   b. False

6. When were the first practical means of measuring the volume of carbon dioxide in a mixture of gases first described?
   a. 1905
   b. 1937
   c. 1950
   d. 1979

7. Which is the most common method of capnography measurement?
   a. Raman spectroscopy
   b. Infrared light absorption
   c. Ultra violet light absorption
   d. Piezo electric crystal conduction
8. Sidestream capnography increases apparatus dead space more than mainstream capnography:
   a. True
   b. False