

41-All of the following characterize packed RBCs that have been stored for 35 days at 4° C in citrate phosphate dextrose adenine-1 (CPDA-1) anticoagulant preservative EXCEPT

- A. Serum potassium greater than 70 mEq/L
- B. pH less than 7.0
- C. Blood glucose less than 100 mg/dL
- D. P50 of 28

42- The most common cause of mortality associated with administration of blood is

- A. TRALI
- B. Non-ABO hemolytic transfusion reaction
- C. Microbial infection
- D. Anaphylactic reaction

43- Select the TRUE statement.

- A. Dibucaine is an ester-type local anesthetic
- B. A dibucaine number of 20 is normal
- C. The dibucaine number represents the quantity of normal pseudochoolinesterase
- D. None of the above

44- Which of the following findings is NOT consistent with a diagnosis of MH?

- A. PaCO<sub>2</sub> 150 mm Hg
- B. MVO<sub>2</sub> 50 mm Hg
- C. pH 6.9
- D. Onset of symptoms an hour after end of operation

45- A 52-year-old business executive undergoes a radical retropubic prostatectomy uneventfully under general isoflurane anesthesia. He takes fluoxetine (Prozac) for depression. Upon discharge, which of the following analgesics would be the best choice for postoperative pain management in this patient?

- A. Oxycodone plus aspirin (Percodan)
- B. Hydrocodone with acetaminophen (Vicodin)
- C. Codeine with acetaminophen (Tylenol No. 3)
- D. Hydromorphone (Dilaudid)

46- Anesthesia is induced in a 50-year-old, 125-kg man for anterior cervical fusion. The patient is placed on a ventilator. Peak airway pressure is noted to be 20 cm H<sub>2</sub>O with O<sub>2</sub> saturation 99% on pulse oximeter. An hour later, the peak airway pressure rises to 40 cm H<sub>2</sub>O and PaCO<sub>2</sub> is 38 mm Hg on infrared spectrometer and on O<sub>2</sub> saturation falls to 88%. Blood pressure and heart rate are unchanged. The MOST likely cause of these findings is

- A. Mainstem intubation
- B. Thrombotic pulmonary embolism
- C. Tension pneumothorax
- D. Venous air embolism

47-The phase of liver transplantation where the greatest degree of hemodynamic instability is expected is

- A. Induction
- B. Dissection phase