TEST QUESTIONS

Circles must be filled in, or test will not be graded. Shade circles like this: ☐ Not like this: ☒

1. What aspect(s) of containing a safe and adequate blood supply have blood collections agencies sometimes overlooked?
   ☐ a. effective management of blood supply
   ☐ b. effective collection techniques
   ☐ c. both a and b
   ☐ d. reducing transfusion-transmitted diseases

2. According to the 2013 AABB survey, what percentage of successful allogeneic blood donations were accounted for by first-time donors?
   ☐ a. 10.7 percent
   ☐ b. 21.4 percent
   ☐ c. 32.3 percent
   ☐ d. 48.8 percent

3. What is the most frequent reason for donor deferral?
   ☐ a. low hemoglobin levels
   ☐ b. undervalue
   ☐ c. high blood pressure
   ☐ d. decreased body temperature

4. Two subclinical conditions that can occur after a blood donation are absent iron stores (AIS) and iron deficient erythropoiesis (IDE).
   ☐ a. True
   ☐ b. False

5. In what group of donors is iron depletion or iron deficiency observed more commonly?
   ☐ a. infrequent donors
   ☐ b. first-time donors
   ☐ c. frequent donors
   ☐ d. none of the above

6. Increasing the minimum hemoglobin level and/or increasing the time interval between donations might increase the chance that a donor does not attempt to donate again in the future.
   ☐ a. True
   ☐ b. False

7. To which group of donors has it been recommended that information on iron deficiency and iron replacement therapy be provided?
   ☐ a. all donors
   ☐ b. elderly donors
   ☐ c. all females
   ☐ d. menstruating females and frequent donors

8. In what way(s) can iron supplementation benefit the donor population?
   ☐ a. increases the health of donors
   ☐ b. avoids donor deferral
   ☐ c. improves the quality of the blood supply
   ☐ d. all of the above

9. The chronological progression of iron deficiency is first, iron deficient erythropoiesis; second, iron deficient anemia; and third, iron depletion.
   ☐ a. True
   ☐ b. False

10. What did the REDS-II Donor Iron Status Evaluation (RISE) study conclude?
    ☐ a. Most donors will develop AIS/IDE from donating over a period of one year.
    ☐ b. The fewer units donated in two years, the stronger the likelihood that the donor has AIS/IDE.
    ☐ c. The more units donated in two years, the stronger the likelihood that the donor has AIS/IDE.
    ☐ d. Donors aren’t particularly susceptible to developing AIS/IDE.

11. The RISE study found that it took about 7 months for lost RBCs to be replaced by the bone marrow of those who were taking iron supplements.
    ☐ a. 1-2
    ☐ b. 3-4
    ☐ c. 5-6
    ☐ d. 7-8

12. A massive blood transfusion requires full replacement of the patient’s blood volume or more units of packed red blood cells (PRBCs) in a 24-hour period.
    ☐ a. 2
    ☐ b. 3
    ☐ c. 5
    ☐ d. 7

13. In addition to blood volume, what other metric is used to determine procedures for a massive transfusion protocol (MTP)?
    ☐ a. rate of transfusion
    ☐ b. type of components being transfused
    ☐ c. patient’s status of responsiveness
    ☐ d. none of the above

14. According to the MTP protocol developed by MidHudson Regional Hospital, which items are included in the first bucket?
    ☐ a. two units of liquid plasma and two units of PRBCs
    ☐ b. MTP workflow job aid; two units of liquid plasma, and two units of PRBCs
    ☐ c. MTP workflow job aid, MTP worksheet, two units of liquid plasma, and two units of PRBCs
    ☐ d. none of the above

15. During the MTP what ratio of plasma to PRBC does the protocol require?
    ☐ a. 1:1
    ☐ b. 1:2
    ☐ c. 2:1
    ☐ d. 1:3

16. Never-frozen liquid plasma (LQP) has been shown to be medically equivalent to rapidly thawed fresh frozen plasma (FFP) in a trauma setting.
    ☐ a. True
    ☐ b. False

17. The competency assessment that was developed by MidHudson Regional Hospital involves
    ☐ a. direct observation and supervisory review.
    ☐ b. direct observation and assessment of problem-solving.
    ☐ c. drills and exams.
    ☐ d. all of the above

18. The verbal practice sections of the MTP competency include
    ☐ a. review of location, equipment, blood products, and technology.
    ☐ b. seeing the ED/trauma spaces and practicing blood transport.
    ☐ c. being timed on a walk-through of the procedure.
    ☐ d. all of the above

19. How many verbal, walk-through, and timed drills are practiced by each laboratory?
    ☐ a. one of each, every six months
    ☐ b. two of each, every six months
    ☐ c. one of each, per year
    ☐ d. two of each, per year

20. The results of the MTP competency are not included in the employees’ performance evaluation.
    ☐ a. True
    ☐ b. False