

UPDATED AUGUST 2022

Answer Key for Introduction to Hematological Assessment

1. The most common known form of nutritional deficiency is “iron deficiency”.

True

2. Iron deficiency is observed frequently in pregnant women.

True

3. The two tests most commonly used to screen for iron deficiency are hemoglobin (Hgb) concentration and hematocrit (Hct).

True

4. It isn't necessary to wear protective gloves.

False; Correct Answer: It is necessary to wear protective gloves.

5. Hematocrit is the amount of whole blood that is red blood cells and is an indicator of the amount of iron in the body.

True

6. CDC recommends a vigorous rubbing together of all lathered surfaces during hand washing for at least 20 seconds.

True

7. Excessive squeezing of the punctured finger to get a drop of blood will not alter the blood sample.

False; Correct Answer: Excessive squeezing of the punctured finger to get a drop of blood **will** alter the blood sample.

8. It is not necessary to dry the puncture site after wiping with the alcohol pad.

False; Correct Answer: It is necessary to dry the puncture site after wiping with the alcohol pad.

ANSWER KEY FOR INTRODUCTION TO HEMATOLOGICAL ASSESSMENT

9. After puncturing, only the first drop of blood must be wiped off.

False; Correct Answer: After puncturing, **2-3 drops** of blood must be wiped off.

10. Microcuvettes contain a special chemical that deteriorates over time.

True

11. Once a bottle of cuvettes is opened, the cuvettes must be used within 100 days.

False; Correct Answer: Once a bottle of cuvettes is opened, it must be used within 90 days.

12. The bottle of cuvettes must be kept closed to protect them from air and moisture.

True

13. Small air bubbles in the center of the cuvette will not affect the results.

False; Correct Answer: Small air bubbles in the center of the cuvette **will** affect the results.

14. Microcuvettes must be completely filled with blood.

True

15. It is important to wipe off excess blood from the tip of the cuvette by gently touching both of the flat sides of the filled cuvette on a dry gauze pad.

True

16. Hemoglobin carries iron and oxygen in the blood.

True

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