**OhioHealth Laboratory Services – Campus Shelby**

**Competency Quiz Assessment Year 2022**

**Initial Semiannual (first year) Annual**

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| **Name:** | **Title:** |

**Coagulation Quiz**

1. The amount of anticoagulant in the sodium citrate tube must be adjusted prior to collecting samples from patients who have hematocrit values above what %?
   1. 45
   2. 55
   3. 65
   4. 75
2. The actual platelet concentration of the “platelet poor” plasma used for coagulation testing should be less than ????? in order to prevent spurious results.
   1. 10/uL
   2. 100/uL
   3. 1000/uL
   4. 10,000/Ul
3. The reconstituted STA Neoplastine reagent must sit for \_\_\_\_\_\_\_\_\_\_ min at \_\_\_\_\_\_\_\_\_ before loading on the Compact Max.
   1. 24 min / refrigerated
   2. 48 min / room temp
   3. 30 min /room temp
   4. 96 min / room temp
4. The STA aPTT reagent is reconstituted with \_\_\_\_\_\_ml of Nerl H20 and must sit for \_\_\_\_\_\_ min at room temp.
   1. 5 ml / 60 min
   2. 5 ml / 30 min
   3. 5 ml / 15 min
   4. 10 ml / 30 min
5. What is the INR critical value?
   1. >4.0
   2. >5.0
   3. >6.0
   4. >7.0
6. PTT results that are greater than 200 will be reported by the LIS system as \_\_\_\_\_\_.
   1. 200 +
   2. Over Range
   3. >200
   4. <Mmin
7. What comment is added to PTT results >200 when the nurse/physician state a redraw **is not** requested?
   1. .LABPRC (result previously called)
   2. .LABPTT3 (“The differential diagnosis includes heparin contamination (e.g. blood drawn through a heparinized line) or a supratherapeutic heparin level if the patient is receiving therapeutic unfractionated heparin. If clinically indicated, repeat testing on a redrawn specimen would be recommended”.
   3. .INTERFERE (Unable to perform test due to interference)
   4. .LABSDT (Specimen delayed in transit)
8. Tubes for coagulation testing must be full (+/-10%). If volume appears low, check against tube chart. Specimens <90% or >110% full should be redrawn. True / False
9. **Spun** PT, APTT, FIB, and D-Dimer specimens are stable for \_\_\_\_\_\_\_\_ hours at room temperature. Refrigeration is recommended for which test? \_\_\_\_\_\_\_\_\_\_\_\_
10. **Unspun** specimens are stable for how long for each test?
    1. PT: \_\_\_\_\_\_\_\_\_\_\_
    2. APTT: \_\_\_\_\_\_\_\_\_\_
    3. FIB: \_\_\_\_\_\_\_\_\_\_\_\_
    4. D-DIMER: \_\_\_\_\_\_\_\_\_\_\_\_
11. The controls and reagents **MUST** be allowed to sit for \_\_\_\_\_\_\_\_\_\_\_ at \_\_\_\_\_\_\_\_\_ after reconstitution and before loading on the Stago.
    1. 5 minutes/5°C
    2. 10 minutes/37°C
    3. 20 minutes/-20°C
    4. 30 minutes/room temperature
12. When must you review the QC in Unity:
    1. Before you clock out
    2. As soon as the QC is completed
    3. Before each patient result
13. You should always put QC modifiers/comments in Unity when troubleshooting QC. True / False
14. **PT** QC level 1 and 2 are outside 2SD/unacceptable. **APTT** QC level 1 and 2 are within 2SD/acceptable. You have repeated the unacceptable QC and it is still outside 2SD. What is a probable cause for the PT QC being unacceptable? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. A patient has an **APTT** result that is <20.5 seconds. What is the procedure for this abnormal result? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
16. Reagent OK Buffer is loaded on the analyzer for which assay test(s)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. Reagent Calcium Chloride (CaCl2) is loaded on the analyzer for which assay test(s)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
18. Which reagent must have a STIR BAR when loaded on the Stago? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
19. You are preparing a PLATELET POOR PLASMA for a send out test. You separate the plasma from the Coag tube and re-spin. Is it OKAY to just pour the respun plasma into another send out tube? \_\_\_\_\_\_\_\_, why \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Associate received acceptable score: Yes or No

Associate Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Observer Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_