Urine Sediment Competency Assessment Quiz

1. Hand hygiene and donning gloves must be performed prior to testing.
   a. True  
   b. False

2. The minimum volume of urine needed for urine sediment examination is 5 ml.
   a. True  
   b. False

3. Microscope slides must be labeled with two patient identifiers.
   a. True  
   b. False

4. Which is the correct speed for centrifuging urine for sediment examination?
   a. 200 RCF  
   b. 400 RCF  
   c. 3000 RPM

5. Red blood cells, bacteria, and renal tubular cells are reported out per low power field (LPF)
   a. True  
   b. False

6. Epithelial cells and casts are reported out per low power field (LPF)
   a. True  
   b. False

7. When not in use, the microscope lamp should be left on and the microscope left uncovered.
   a. True  
   b. False

8. Unrefrigerated specimens older than _____ are not suitable for examination.
   a) 2 hrs  
   b) 4 hrs  
   c) 8 hrs

9. Faster speeds and longer centrifugation times will:
   a) Lyse all cells  
   b) Break up budding yeast  
   c) Break up cellular casts

10. How long should the slide sit after the addition of the sediment (to allow elements to settle)?
    a) Read slide immediately  
    b) 10-20 seconds  
    c) 30-60 seconds

11. Crystals are of little clinical significance except for:
    a) Calcium oxalate  
    b) Amorphous urates  
    c) Cholesterol

12. To increase the amount of contrast when looking for casts under low power:
    a) Turn the lamp to low  
    b) Raise the condenser  
    c) Close the aperture diaphragm in the condenser

SCORE:  
(Passing = 10 out of 12 or higher) or 80%

Individual Information

Operator Name:  

9 - digit Employee ID#:  

Test Site:  

Date of Training:  

Training Status:  

CNM  
NP  
MD  
Other:  

Trainer Signature  
(Trainer signature indicates trainee has successfully completed the program and scored 80% or better on the quiz)

Retain as part of permanent record
Answer Key: Urine Sediment

1. A
2. B
3. A
4. B
5. B
6. A
7. B
8. A
9. C
10. C
11. C
12. C