1. Which of the following blood products is **MOST** susceptible to bacterial contamination?

A. Cryoprecipitate  
B. Fresh frozen plasma  
C. Packed red blood cells  
D. Platelets

2. Which of the following areas is **MOST** likely to demonstrate a sensory deficit as a result of a saphenous nerve compression injury?

A. Lateral leg  
B. Medial leg  
C. Lateral foot  
D. Medial second toe

3. In addition to the dose, which of the following parameters is **REQUIRED** to calculate a drug’s volume of distribution?

A. Blood volume  
B. Context sensitive half-life  
C. Plasma concentration  
D. Rate of clearance

4. A 45-year-old woman has a bile duct obstruction due to cholelithiasis. Which of the following preoperative laboratory tests is **MOST** likely to be elevated?

A. Alkaline phosphatase  
B. Aminotransferases  
C. Amylase  
D. Prothrombin time
5. In a normally functioning kidney, which of the following urinary laboratory values is **MOST** consistent with prerenal oliguria?

A. pH of 8.0  
B. Potassium of 4 mEq/L  
C. Sodium of 10 mEq/L  
D. Osmolality of 260 mOsm/kg
### Answer Key

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>D</td>
</tr>
<tr>
<td>2</td>
<td>B</td>
</tr>
<tr>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>4</td>
<td>A</td>
</tr>
<tr>
<td>5</td>
<td>C</td>
</tr>
</tbody>
</table>