Clinical Pathology Phase II Sample Questions

**Biochemistry**
In dogs with chronic kidney disease and renal secondary hyperparathyroidism, all are increased EXCEPT:

A. Serum calcitriol  
B. Serum phosphorus  
C. Urine protein:creatinine  
D. Serum parathyroid hormone levels

**Hematology**
Thrombopathias of Bassett hounds, Spitz dogs and Landseers are characterized by:

A. Abnormal platelet morphology at the electron microscopic level  
B. Delayed serotonin release in response to thrombin  
C. Impaired aggregation in response to collagen  
D. Decreased integrin αIIbβ3a

**CSP**
In a canine cerebrospinal fluid sample, the presence of extracellular myelin-like material is most likely associated with:

A. Necrosis  
B. Neoplasia  
C. Inflammation  
D. Sampling artifact