BIOE 476: Tissue Engineering, Fall 2016

Quiz #5

1. (1/2 point) Both PLGA and PEG polymer scaffolds degrade by hydrolysis (TRUE or FALSE).
   
   A. True
   B. False

   Answer: B

2. (1/2 point) A polymer scaffold that exhibits a slow rate of hydrolysis and high rate of water diffusion is more likely to exhibit SURFACE EROSION compared to BULK EROSION (TRUE or FALSE).
   
   A. True
   B. False

   Answer: B

3. (1 point) A MakerBot, which utilizes extrusion of melted material, is a commercial example of what type of fabrication technology? (Circle ONE best answer)
   
   A. Selective laser sintering
   B. Binder printing
   C. Stereolithography
   D. Surface chemistry patterning
   E. Fused deposition modeling

   Answer: E
4. (1 point) A patient with type B Rh+ blood can safely receive blood cells of which of the following types? (Circle ONE best answer)

A. AB Rh+
B. B Rh-
C. A Rh-
D. A Rh+

Answer: B