**SAMPLES OF QUESTIONS EXAMINATION**

**1.         Titanium and Ti6AL4V alloy are used to make most root-form endosteal implants. These materials work well in the body because titanium is verybiocompatible, strong and ductile material.**

a.      true  
b.     false

**2.         Implants with nearly matching elastic modulus to that of the bone and ceramic in nature would be called bioactive implants.**

a.    true  
b.    false

**3.         A demineralised dentin surface layer with collagen fibrils enveloped by resin between dentin and cured resin is:**

a.     hybridized dentin  
b.     primed dentin  
c.     etched dentin  
d.     none of the above

**4.         Overdrying procedure after etching dentin will lead to collapsed collagen and weak bond strength of dentin to cured resin.**

a.    true

b.    false

**5.         Self-etching primer dentin bonding products:**

a.     are said to produce a great deal of post-treatment sensitivity  
b.     etch and prime simultaneously  
c.     form relatively thin hybrid layers  
d.     (a) and (b)  
e     (b) and (c)

**6.         Dentin bonding agents that bond as well to moist dentin as to dry dentin:**

 a.    usually contain acetone or alcohol

 b.     form a high-quality  
 c.     must always be applied in multiple coats and light activated

**7.         Increasing the distance between composite and light source, will increase the depth of light cure composite.**

a.     true  
b.     false

**8.         Resin-modified glass ionomer cements have high flexural strength due to incorporation of:**

a.    quartz in the powder

b.    copolymers of acrylic acid and methacrylate monomers in the liquid  
c.    polymethyl methacrylate in the powder  
d.    all of the above

**9.         Glass lonomer cements set by:**

a.     chelation  
b.     polymerization  
c.     acid-base reaction

**10.       Zinc oxide eugenol cement can not be used under composite resinrestorations because:**

a.     it irritates the pulp  
b.    it inhibits polymerization of the monomer  
c     it produces toxic eugenolate bi-products