RDIV – Complete Denture Section  
**QUIZ #3B**

**30 minutes**Please answer the following questions to the best of your ability. All essay questions must be LEGIBLE. If the questions cannot be read, they will not be graded. **Please print.**

1. Theoretically, to maintain balanced occlusion in complete dentures, if the *heights of the cusps are increased*: (10 pts)
   1. Compensating curve is increased
   2. Occlusal plane is decreased
   3. Condylar inclination is increased
   4. **b and c**
   5. a and b
2. The posterior palatal seal enhances the retention of the maxillary complete denture. The clinical significance for the palatal seal is to:

\_\_\_compensate for polymerization shrinkage during denture processing\_\_\_ (15 pts)

1. One of the consequences of tooth loss is bone resorption. At what rate does bone loss occur in the maxillary arch? (10 pts)
   1. 0.5mm/year
   2. 1.0mm/year
   3. **0.1mm/year**
   4. 0.2mm/year

1. The function of the denture base for an immediate denture is to serve as a: (10 pts)
   1. template in determining the location of the extraction sites
   2. surgical guide for reshaping the over-contoured extraction sites
   3. **surgical splint or bandage which promotes blood coagulation**
   4. guide for surgically relocating soft tissue over the alveolar process

1. After dentures are processed and during the insertion appointment, pressure indicating paste (PIP) is applied to the denture surface. The rationale for using this material is to: (10 pts)
   1. detect denture porosities during processing
   2. detect the need for using articulating paper
   3. **detect improper denture base adaptation**
   4. detect occlusion errors after processing
2. In denture fabrication, retention, stability, and support are critical factors that must be assessed and incorporated. Of the following statements, select the one which is most appropriate. (10 pts)
   1. Buccal shelf provides secondary support
   2. Retention and stability are enhanced by the hamular notch
   3. **Canine eminence provides stability and support**
   4. Retromylohyoid space provides retention and support
3. Dr. Toothhacker just received Mrs. Smith’s occlusal wax rims from the dental laboratory. During the next appointment for her new complete dentures, the **MOST** appropriate sequence of procedures would be: (15 pts)
4. Custom tray and final impression
5. Vertical dimension
6. Centric relation
7. Set teeth
8. Facebow registration
   1. 1, 2, 5, 3 and 4
   2. 4, 2, 5 and 3
   3. 2, 5, 4 and 3
   4. 5, 3, 2 and 4
   5. **2, 5, 3 and 4**
9. Which of the following methods **best** describes the most accurate technique for obtaining the centric relation position? (10 pts)
   1. **Place patient in a supine position, mouth open, touch the tongue to the palate and close on the back teeth**
   2. Place patient in upright position, and ask them to bite down
   3. Place patient in upright position, mouth open, press on the tip of the chin, push the lower jaw back, and bite down
   4. Place patient in a supine position and ask them to close on their front teeth
10. Mr. Jones has worn his complete dentures for over 6 years. Mrs. Jones stated that sometimes when her husband talks she hears a funny noise. When Dr. Toothacker removed the dentures for the initial oral examination, he noticed generalized soft tissue inflammation and excessive bone reduction on the mandibular residual ridge. What additional adverse findings could be associated with Mr. Jones’s new denture? (10 pts)
    1. Excessive vertical dimension and insufficient interocclusal distance
    2. Insufficient vertical dimension and excessive interocclusal distance
    3. Difficulty swallowing and closing lips
    4. Angular cheilitis, limited tongue space
       * 1. **a, c**
         2. b, c
         3. a, d
         4. b, d