**College of Applied Medical Science**

**Dental health department**

**I-Which of the following statement are/is true?**

**1.During flasking (first pour):**

     -**Spatulate a heavy mix of plaster and stone and fill the lower half of the flask till about one-third.**

**-For the lower cast , bring a small   amount of  plaster in the tongue space to eliminate the undercut in the region of the retromylohyoid  fossa.**

**-Bring the stone to the occlusal surface of the  invested teeth leaving exposed occlusal surface of  the posterior teeth and the incisal edge of the anterior teeth.**

**2. After flasking:**

**- allow the stone to set completely. Then place the flask in hot water for 5 minutes.**

**- Carefully remove the softened wax. All teeth should remain in the lower half of the flask.**

**- If any of the teeth have been pulled loose they should be replaced in position.**

**3. While mixing acrylic resin:**

**- Measure and mix the polymer and monomer according to the manufacturer’s direction usually 10 cc of monomer and 30 cc of polymer are used.**

**- First pour the polymer into a clean porcelain jar then add the monomer.**

 **4. Removing the denture and cast :**

   - **remove the stone ( the second layer ) by gently prying it off to expose the occlusal surfaces and incisal edges of the teeth.**

**- With a plaster saw make 2 cuts, 1 in canine region and 2 in the posterior region.**

**II-Complete the following:**

**a. Take care not to generate much heat during polishing the denture to avoid………………**

**b. Selective grinding is carried out using ………….……..to mark the area of premature contacts.**

**c. If the cusp is high in both centric and eccentric position reduce ……….**

**d. If the anterior teeth have heavy contact with no contact on the posterior teeth grind**  **the……..surface of the lower anterior and the………. surface of the upper anteriors.**

**e. The boiling point of the monomer is………..**

**f. For the final polish, using very light pressure mix a …………………………………... and water.**

**g. Flasking is the process of investing the cast with the waxed denture in a flask to make a……………… that is used to form  ………………………………..**

**h.** **It is important that the artificial anterior teeth are placed in the same anteroposterior position and at the same length as the original natural …………………………..**

**i. If less monomer is used in mixing there will be          ……………………………………………..**

**j.The maxillary first premolar is placed with its long axis …………….the occlusal plane**

**III- Write short notes on:**

**a. Components of complete denture:**

**b. Types of porosity:**

**c. Occlusion of both working and balancing sides:**

**d. Overjet & overbite:**

**e. Composition and mixing stages of acrylic resin**