

## Experiment – 11

**Aim:-** Preparation of glycerogelatin base suppositories

Rx

Gelatin	14 g
Glycerin	70 g
Water QS to	100g

### **Equipments Required:-**

Mortar and pestle, Porcelain crucible, water-bath, 2 g x 6 mold

### **Chemicals:**

Gelatin 84g, Glycerin 420 g, water 96 ml.

### **Procedure:**

1. Calculate for 6 supp., that is the amount of Gelatin =  $6 \times 14 = 84$  g.
2. Weigh the required amount of gelatin and soak it in enough water until thoroughly softened.
3. Put the soaked gelatin on the calculated amount of glycerin previously weighed in a tared crucible and on a water bath until gelatin dissolves and a constant weight is obtained.
4. During evaporation the liquid mass should be only gently stirred, rapid stirring produce air bubbles which may appear in the finished suppositories.
5. Remove any skin formed on the surface before pouring.
6. Pour the mass while still hot, into the holes lubricated with liquid paraffin, do not let the melted mass to overflow.