**Name: Igbadumhe Bernice ochuwa**

**Matric number: I6/mhs06/025**

**DEPARTMENT: MEDICAL LABORATORY SCIENCE**

**Assignment title: laboratory glassware cleaning**

**Course title: introduction to medical laboratory science I**

**Course code: MLS 20I**

**Question: describe the cleaning methods for four named medical laboratory glass wares**

**Answer:**

**Microscope slides:**

**This can be cleaned by the use of ethyl alcohol solution. Apply the soap uniformly across both sides of the glass with smooth handtowels or a substance that would not scratch the slide, such as lint-free microfiber towel. Rinse the slide thoroughly warm running water.**

**Burette:**

**Wash with hot soapy water, rinse thoroughly with tap water, and then rinse 3-4 times with deionized water. Be sure the final rinses sheet off of the glass. Burettes need to be thoroughly clean to be used for quantitative lab work.**

**Pipettes and volumetric flasks:**

**In some cases, you may need to soak the glassware overnight in soapy water. Clean pipettes and volumetric flasks using warm soapy water. The glassware may require scrubbing with a brush. Rinse with tap water followed by 3-4 rinses in deionised water.**

**Glass petri dishes:**

**Turn on and pre heat the electric hot air sterilizing oven to 60 degress c. using a soft, non abrasive cloth, anti bacterial dish soap and warm water, gently clean and rinse the petri dishes. The petri dishes should be free of debris. Place the petri dishes in the sterilizing oven face up. Set up the timer for two hours. After two hours. Turn the oven off and allow the oven to cool prior to removing the glass petri dishes. Remove with sterile lab tongs. Do not allow your fingers to touch the sterilized petri dishes**