Unit One : Worksheet Three

Common Laboratory Tools

I. Choose the correct answer from the choices given

1. First steps to using a bunsen burner:
   a) Place on heat proof mat, connect gas hose to a gas tap and make sure the air hole is closed
   b) Place on heat proof mat, connect gas hose to a gas tap and make sure the air hole is open
   c) Place on heat proof mat, connect gas hose to a gas tap and light the bunsen burner
   d) Place on the bench, connect gas hose to a gas tap and make sure the air hole is open
2. Which flame is hottest on the Bunsen burner?

a)	The yellow flame	c)	The safety flame
b)	The working flame	d)	The blue flame

3. **Long hair in the laboratory must be**
   a) Tied back or kept entirely out of the way with a hair band, hairpins, or other confining device
   b) always neatly groomed
   c) held away from the experiment with one hand
   d) cut short
4. When should you tie back long hair or baggy clothing?

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a) When working with chemicals
b) When working with a Bunsen burner
c) When doing dissections.
d) Any time you are working in the lab.

5. What protects the eyes from flying objects, broken glassware or chemical splashes?
   a) lab coat
   b) eye dropper
   c) electronic balance
   d) safety glasses

II. Identify the scientific equipment shown:



a) Beaker b) Conical Flask c) Filter Funnel d) Test Tube



a) Beaker b) Flask c) Cup d) Conical Flask



a) Tube b) test tube c) beaker d) flask



a) Funnel b) Filter Funnel d) Drip Tube d) flask



a) measuring cup
b) measuring device
c) measuring cylinder
d) measuring tube

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a) A spoon b) A spatula c) A stirrer d) A thermometer



a) mortar and pestle
b) Erlenmeyer flask
c) evaporating dish
d) beaker



a) test tube holder
b) tweezers
c) test tube rank
d) thermometer



a) clamp stand
b) test tube holder
c) beaker
d) test tube rack

Which piece of equipment should be used to hold a test tube over the Bunsen when heating?









Which is the part of the Bunsen burner that twists to let in air?

a) Base b) Cylinder c) Chimney d) Collar

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How do you correctly draw a conical flask ?



III. Match the following Laboratory tools in column "A" with their suitable use in column "B" (Put the correct number in the space provided)

1. Triple- beam balance	……Transporting a hot beaker; and removing lid from crucible
2. Beaker	…… To grow and count bacteria
3. Tongs	…….. Marked with milliliter (ml)
4. Thermometer	…….. Obtaining the mass of an object
5. Test tubes	…….. Heating (flame-safe) contents
6. Petri dish	…….. Used to measure temperature
7. Graduated cylinder	…….. Holds small amount of liquids for mixing or heating
8. Bunsen burner	……. Holding water (also used to heat liquid)

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