

## Lab Procedures Exit Quiz – Student Edition

**Multiple Choice** – Select the best answer for each question.

1. In which position should the air hole be when the Bunsen is being lit?
  - a) Completely open
  - b) Completely closed
  - c) Half open
  - d) Any position is fine.
  
2. Which is the best flame for heating a beaker of water?
  - a) Blue
  - b) Orange
  - c) Red
  - d) Yellow
  
3. What is the effect of adjusting the collar on the Bunsen?
  - a) It changes the amount of gas fed into the barrel.
  - b) It adjusts the ratio of air and gas.
  - c) It lets any smoke out
  - d) It makes cleaning the Bunsen easier.
  
4. Which is the correct order of steps for lighting a Bunsen?
  - a) Connect the hose to the gas tap → open the air hole → switch on the gas → light the match → put the burner on a heat mat → put your safety glasses on.
  - b) Open the air hole → connect the hose to the gas tap → put your safety glasses on → light the match → switch on the gas → put the burner on a heat mat.
  - c) Put your safety glasses on → connect the hose to the gas tap → put the burner on a heat mat → open the air hole → light the match → switch on the gas.
  - d) Put the burner on a heat mat → put your safety glasses on → connect the hose to the gas tap → light the match → open the air hole → switch on the gas.