

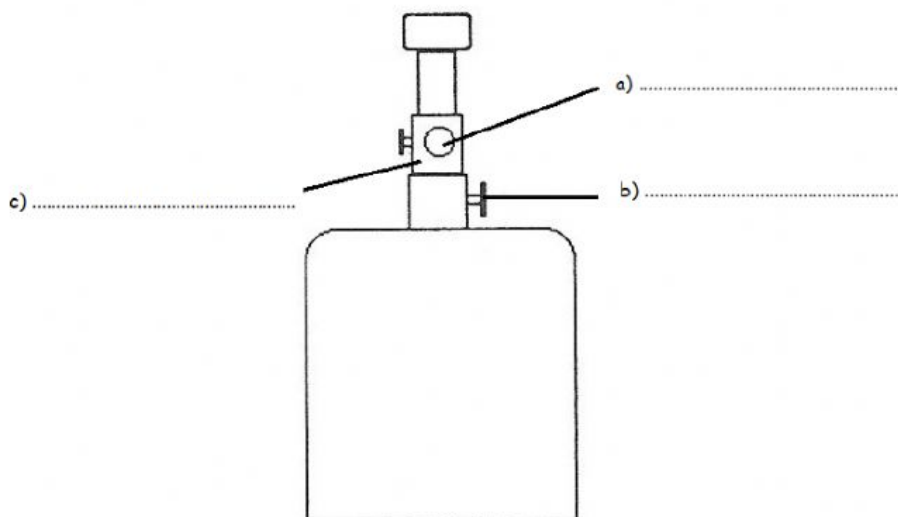
Name: .....

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**EXERCISE 1.5: LABO GAS**

1. Label the parts of the labo gas.



2. What is labo gas used for?

.....

3. Compare non-luminous flame with luminous flame from the following aspects

Type of flame	Temperature (High / Low)	Amount of soot (Less soot / sooty)
Luminous		
Non-luminous		

4. What type of flame is suitable for heating?

.....

5. If the air holes of a labo gas are fully opened, the flame will be .....

- A. Short, non-luminous and hot
- B. Short, luminous and hot
- C. Long, sooty and non-luminous
- D. Short, sooty and not hot

6. Nadzirah uses a labo gas. She closes the air hole. The flame of the labo gas will be .....

- A. blue
- B. colourless

- C. luminous
- D. non-luminous

7. Which of the following is the correct sequence used to light a labo gas?

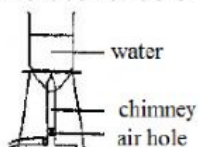
- I. Close the air hole
- II. Open the air hole
- III. Place the lighted match on the mouth of the labo gas
- IV. Turn on the gas slowly

- A. I, III, IV, II
- B. I, IV, III, II
- C. II, III, IV, I
- D. III, I, IV, II

8. The non-luminous flame of the labo gas is .....

- A. blue in colour
- B. sooty
- C. red in colour
- D. yellow in colour

9. Syafiq wants to heat the water in the beaker as shown in the figure below



Besides lighting the Bunsen burner, what should he do in order to heat the water with the hottest flame?

- A. Clean the chimney
- B. Close the air hole completely
- C. Leave the air hole half open
- D. Open the air hole completely