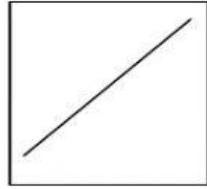


REVISION
UNIT 1: INTRODUCING SCIENCE



Section A: Write A, B, C or D in the box provided.

1. Scientists find out about the world in many ways. One of them is by _____.

- A. guessing
- B. keeping quiet
- C. not asking questions
- D. recording what they observe.

2. A person who studies science is called a _____.

- A. biologist
- B. mechanic
- C. reporter
- D. scientist

3. Students must obey rules when inside the laboratory. Which of the following is not the correct safety rule?

- A. Always do what the teacher tells you to do
- B. Do not eat or drink in the laboratory
- C. Play with the fire extinguisher
- D. Wear safety goggles if there is a risk to the eyes

4. Which of the following is NOT an example of a laboratory apparatus and instrument?

- A. Clamp
- B. Evaporating dish
- C. Gas jar
- D. Bench

5. The colour of a luminous flame is _____.

- A. blue
- B. green
- C. orange
- D. yellow

6. A _____ flame is the best for heating.

- A. big
- B. non-luminous
- C. orange
- D. yellow

19. Which of the following is a laboratory rule?

- A. Do not wear safety goggles when there is risk to eye.
- B. Do not wait for teacher's permission for doing experiment.
- C. Do not consume food in the laboratory.
- D. Do not keep the work bench dry and tidy.

20. What should you do if you accidentally spill some chemicals on your hand?

- A. Cry and shout.
- B. Sit quietly and don't tell anyone.
- C. Wash it thoroughly with water and report to the teacher.
- D. Wait until you go back home and wash it.

21. Which of the following is the proper technique of lighting a bunsen burner?

A. Close the air hole	→ Light a match	→ Turn on the gas knob
B. Open the air hole	→ Light a match	→ Turn on the gas knob
C. Turn on the gas knob	→ Light a match	→ Close the air hole
D. Turn on the gas knob	→ Open the air hole	→ Light a match

22. Which of the following is a characteristic of a non – luminous flame?

- A. It is blue and very hot.
- B. It is easy to see.
- C. It is sooty.
- D. It is yellow and easy to see.

23. Which of the following shows a conical flask?



A.



B.



C.



D.

26. Aminah wants to measure 75 cm³ of water. Which of the following will she use?

- A. Beaker
- B. Conical flask
- C. Gas jar
- D. Measuring cylinder

38. When using the Bunsen burner, we get a yellow flame by _____.

- A. closing the air hole
- B. opening the air hole
- C. turning the gas knob
- D. hitting the gas cartridge with your hand

39. Which flame of the Bunsen burner will give out soot?

- A. blue flame
- B. yellow flame
- C. non-luminous flame
- D. dark flame

40. Which of the following apparatus is used for containing small amounts of substances?

- A. dropper
- B. evaporating dish
- C. test tube
- D. wire gauze

1. Fill in the blanks with one correct answer from the box below.

Blue	Matches	Observing
Measuring cylinder		Safety rule
Yellow	beaker	Bunsen burner

- a) We heat solids and liquids using a _____.
- b) One of the things we do in Science is _____.
- c) An apparatus used to measure the volume of a liquid accurately is called a _____.
- d) "Do not run in the laboratory" is an example of a _____.
- e) The _____ flame of the bunsen burner is suitable for heating.

2. Read the following sentences. Write **TRUE** or **FALSE** in the space provided.

- a) Scientists record what they observe but they do not think about what the observations mean. _____
- b) Teachers are allowed to bring food into the laboratory but students are not. _____
- c) The function of a beaker is to measure the volume of liquids accurately. _____
- d) The study of Science involves asking questions, doing experiments and drawing conclusions only. _____