

SCIENCE

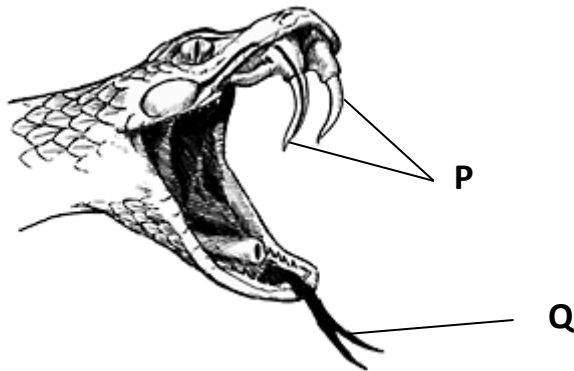
THE WORLD OF LIVING THINGS

1. What is classification? _____

2. To which Kingdom do toadstools belong? _____

3. a) How does a chameleon move? _____

- b) A part from hiding from enemies, how else is camouflaging important to a chameleon? _____
4. **The diagram below is of a poisonous snake.**



- a) Name part P _____
 - b) How is part labeled Q useful to the reptile?

 - c) Define the term Oviparous animals? _____

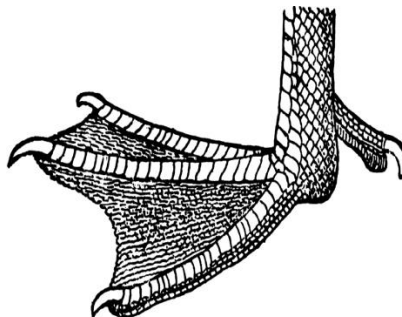
5. a) How is the webbed foot useful to a duck? _____

b) Apart from the duck, name any other examples of swimming birds.

i) _____ ii) _____

c) How are swimming birds adapted to their mode of feeding?

6. Use the diagram below to answer the questions that follow;



a) Which group of birds have such a foot? _____

b) Describe the beak of insect eater. _____

7. Name the largest group of invertebrates. _____

8. Differentiate between a millipede and a centipede. _____

9. a) How do tape worms enter the human body?

b) What general name is given to the head of a tape worm? _____

CIRCULATORY SYSTEM.

1. Name the muscles that are located in the heart. _____

2. Why does blood flow backwards in the heart? _____

3. State two reasons why blood goes to the lungs.

i) _____

ii) _____

4. What type of blood is carried in the aorta? _____

5. Name the component of blood which transports oxygen to all body parts.

6. In which part of the body are white blood cells manufactured?

7. What is the main function of the platelets? _____

8. How are white blood cells adapted to their function? _____

Use the diagrams below to answer questions that follow:



a) Identify blood vessel A. _____

b) Give reason for your answer a above. _____

c) State the role of valves in the blood vessels. _____

9. Why is the left part of the heart thicker? _____

SOUND ENERGY

1. How is sound produced? _____

2. State one way in which sound is useful to your life.

3. How is a mosquito able to produce sound as it flies?

4. In which way does a person produce sound?

5 a) Name the group of musical instrument to which the instruments below belong?



b) Apart from the group above, give any other type of musical instruments.

6. How can pitch of a string musical instrument be increased?

7. How does sound travel from one place to another?

8. In which state of matter does sound travel,
a) Fastest? _____

b) Faster? _____

c) Fast? _____

9. The drums below prove pitch variation.

A



B



a) Which of the above drums will produce the lowest pitch of sound?

b) Give a reason to support your answer in (a) above.

10. What is frequency of sound? _____

SOIL

1. What is soil profile? _____

2. Give two components of soil.

a) _____

b) _____

3. Which method of soil formation involves breakdown of rocks?

4. Name one soil pollutant. _____

5. State one way of maintaining soil fertility.

6. Mention the soil with the highest;

a) Soil capillarity. _____

- b) soil drainage. _____
7. Give the best soil for ceramics. _____
8. Which type of soil is best for making glass? _____

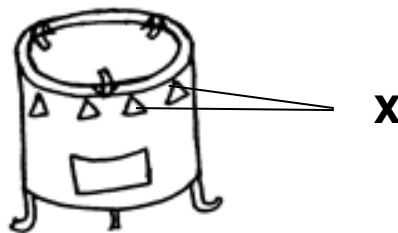
HEAT ENERGY

1. Differentiate between heat and temperature besides their units.

2. Name the best conductor of heat. _____

3. Why is the handle of a flat iron made of wood?

4. **Use the diagram of the charcoal stove below and answer questions that follow;**



- a) State the role of holes marked **X**.

- b) How does a clay made charcoal stove conserve the environment?

5. Why do doctors shake the thermometer before taking measurement to another patient?

6. By what means does heat travel through;

(i) Milk. _____

(ii) Vacuum. _____

(iii) Cork. _____

7. State the importance of a vacuum flask to the home.

8. How does heat travel right from the sun to reach the earth?

9. Convert 0°C to degrees Fahrenheit

10. What is the function of the windows on the house?

AIR

1. What is air? _____

2. Give the percentage of each of the following components of air.

a) Rare gas: _____

b) Oxygen: _____

c) Carbon dioxide: _____

d) Nitrogen: _____

3. Why is oxygen not used in fire extinguishers?

4. Name the air needed for photosynthesis to take place.

5. Give two examples rare gases.

(i) _____ (ii) _____

6. Draw a diagram to show that air has weight

ALCOHOL SMOKING AND DRUGS IN SOCIETY:

1. Which type of alcohol is poisonous to people?

2. Give two methods used to make alcohol.

i) _____

ii) _____

3. Apart from being used as drink, give any other way in which alcohol is useful to builders. _____

4. Define the following:

a) Alcoholism : _____

b) Alcoholic: _____

5. Give two types of smoking.

i) _____

ii) _____

6. Mention two body organs negatively affected by smoking.

i) _____ ii) _____

7. What is smoking? _____

ACCIDENTS AND FIRST AID

1. Give two examples for each of the follow:

a) Injury:

i) _____

ii) _____

b) Accident:

i) _____

ii) _____

2. State two reasons for giving first aid.

a) _____

b) _____

3. Give two good of a good first aider.

i) _____

ii) _____

4. What causes fainting? _____

5. Give one item found in the first aid box.

END