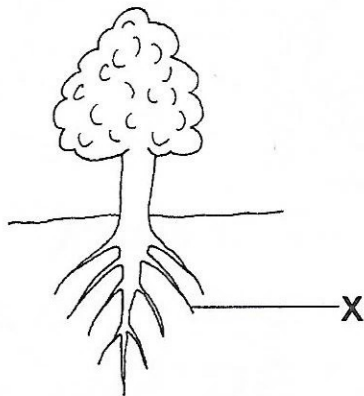


- 1 Below is a diagram of a plant.

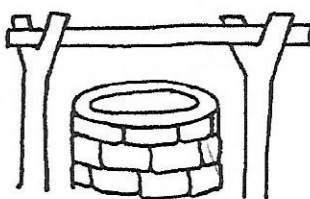


Name the part marked X.

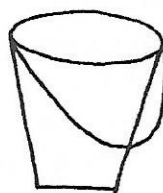
- A Flower
 - B Leaf
 - C Root
 - D Tree
- 2 Identify the source of water which is commonly used in the village.



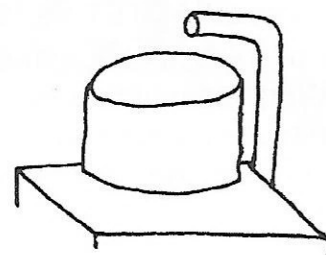
A



B



C



D

- 3 Mr Phiri in Lusaka used a ... to communicate to his wife in Petauke within a few seconds.
- A cell phone
 - B letter
 - C messenger
 - D telegram
- 4 Why is water treated before using it? To ...
- A make it nice.
 - B make it safe to drink.
 - C make people happy.
 - D show that we care.
- 5 Which of the following may cause a person to lose much water from the body?
- A Diarrhoea and vomiting
 - B Headache and malaria
 - C Scabies and dysentery
 - D Small pox and cholera

- 6 Mrs Mwila always washes her body with soap and water; cares for her feet, hair, fingers, toe nails, ears and teeth. We can say that Mrs Mwila has ...
- A bad eating habits.
 - B bad personal hygiene habits.
 - C good eating habits.
 - D good personal hygiene habits.
- 7 Which order of organs shows the path food passes through in the human body?
- A Mouth – Gullet – Lungs – Small intestines – Large intestines
 - B Mouth – Gullet – Kidney – Small intestines – Large intestines
 - C Mouth – Gullet – Stomach – Small intestines – Large intestines
 - D Mouth – Gullet – Heart – Small intestines – Large intestines
- 8 Fish should **not** be overcrowded in the fish pond because ...
- A fish will swallow all the water.
 - B it will be difficult to find market.
 - C it will be jumping out of the pond.
 - D there will be little oxygen for them to breathe.
- 9 The distinguishing feature of a bird is that it has ...
- A feathers.
 - B dry skin.
 - C hair.
 - D moist skin.
- 10 Which of the following is a natural source of heat?
- A Fire
 - B Moon
 - C Heater
 - D Sun
- 11 The function of the heart is to ...
- A add oxygen.
 - B pump blood.
 - C purify blood.
 - D transport blood.
- 12 Which of the following are water borne diseases?
- A Cholera, dysentery and typhoid.
 - B Cholera, typhoid and tuberculosis.
 - C Measles, cholera and dysentery.
 - D Tuberculosis, measles and scabies

- 13 When helping a person who is bleeding, you must always wear ...
- A bandages.
 - B plaster.
 - C protective gloves.
 - D protective goggles.
- 14 Mrs Banda is a chain smoker. What is she likely to suffer from?
- A Sleeping sickness.
 - B High blood pressure.
 - C Skin cancer.
 - D Lung cancer.
- 15 Study the statements below:
- 1 They make the skin so dry that it cracks and sometimes become infected.
 - 2 They lead to different types of skin cancer.
 - 3 Most people feel there is a social pressure to use them.
- The above statements are about ...
- A alcohol abuse.
 - B lightening creams.
 - C modern clothes
 - D bathing soap
- 16 Peas, beans and groundnuts are examples of ...
- A citrus fruits.
 - B fresh fruits.
 - C meal.
 - D legumes.
- 17 A mineral has the following properties:
- 1 reddish in colour
 - 2 high melting point
 - 3 a good conductor of electricity
 - 4 does not rust
- Which of the following minerals has the above properties?
- A Copper
 - B Cobalt
 - C Limestone
 - D Lead

18 A pupil wore tight clothes and felt dizzy. Why did the pupil feel dizzy?

- A The clothes attracted people.
- B The clothes interfered with the blood circulation.
- C The clothes showed the body structure.
- D The pupil failed to eat.

19 Choose the instrument which is **correctly** paired with its function.

Instrument	Function
A Anemometer	Wind direction
B Hygrometer	Wind speed
C Thermometer	Temperature
D Wind vane	Humidity

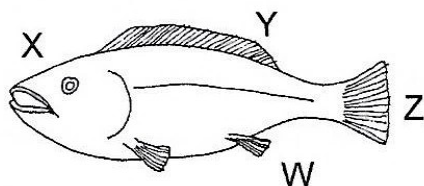
20 What disease is **correctly** matched with its symptoms?

- A Typhoid – the patient's tongue is coated with fur.
- B Bilharzia – the patient has bad headache, fever and diarrhoea.
- C Cholera – vomiting and diarrhoea takes place suddenly.
- D Dysentery – sharp-pointed eggs pierce the bladder leading to blood in the urine.

21 When a magnet is suspended and left to swing in the air, it will come to rest pointing in the ... direction.

- A North and East
- B North and South
- C North and West
- D South and East

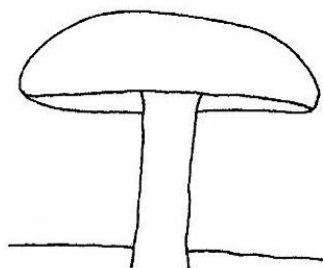
22 Study the diagram of a fish.



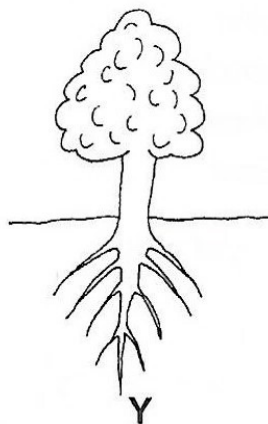
The part marked Y is ...

- A anal fin.
- B dorsal fin.
- C gills.
- D head.

- 23 Which of the following is a **correct** list of a balanced diet?
- A Eggs, fish pumpkins
 - B Kapenta, oranges, rape
 - C Potatoes, rice, fish
 - D Nshima, meat, rape
- 24 Why is mercury the hottest planet in the solar system?
This is because it ...
- A is the furthest planet from the sun.
 - B is the nearest planet to the sun.
 - C has no people on it.
 - D is smaller than planet earth.
- 25 Mutale and Kangwa married in 2007. In three years time they have three children and of the three children one died before infancy. The remaining two are sickly and unhealthy. This family needs knowledge on ...
- A birth.
 - B child spacing.
 - C overcrowding.
 - D population.
- 26 Study the diagrams below of the two organisms X and Y.



X

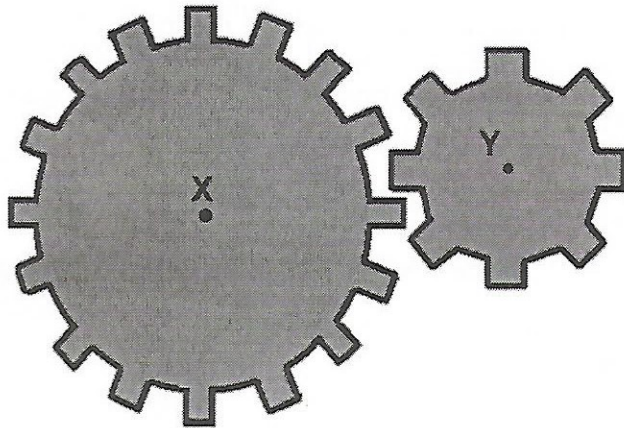


Y

Organism X is white and organism Y has green leaves. Which of the following is not found in organism X?

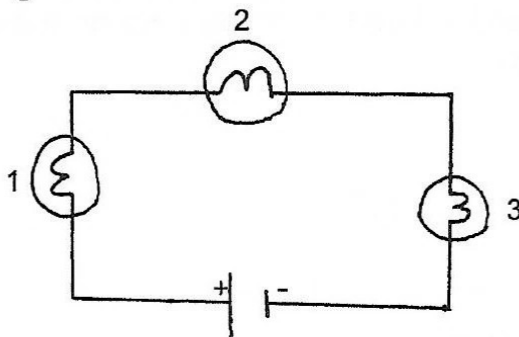
- A Chlorophyll
- B Nutrients
- C Water
- D Air

- 27 Mr Jombo in Magoye Farms was spraying rogol in his maize field. After five minutes a rat ate the maize and it died. Then a bird found the dead rat and ate it. What happened to the bird?
- A Died
 - B Survived
 - C Vomited
 - D Burst
- 28 The diagram below shows gears



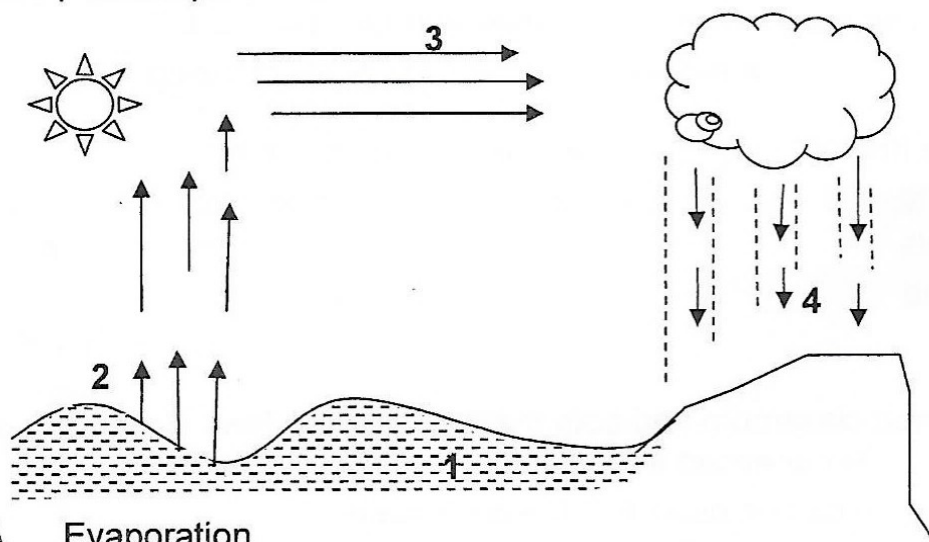
- If X turns 2 times, then Y will turn ... times.
- A 2
 - B 4
 - C 6
 - D 8
- 29 How can you treat a small cut?
- A Allow the bleeding to continue.
 - B Cover the wound without washing it.
 - C Apply antiseptic solution immediately without cleaning it.
 - D Wash with diluted antiseptic solution using sterile dressing.
- 30 Which one of the following is an example of hallucinogens?
- A Chocolate
 - B Coca-cola
 - C Marijuana
 - D Tea
- 31 An overcrowded classroom had both the door and windows closed and as a result the pupils experienced a problem of breathing because ...
- A there was no carbon dioxide in the classroom.
 - B they started sweating.
 - C the pupils felt hungry.
 - D fresh air was not let in.

32 Study the diagram below.



If bulb 1 is blown off, what will happen to the rest of the bulbs?

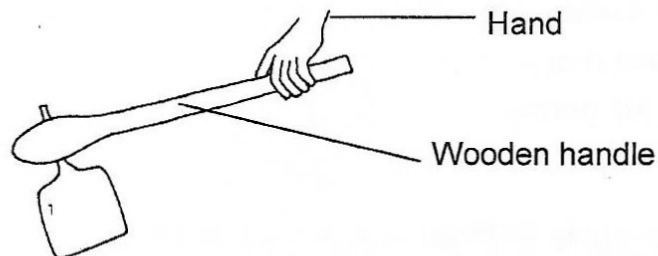
- A Bulb 2 and 3 will not be affected
 - B Only bulb 2 will go off.
 - C Only bulb 3 will go off.
 - D Bulb 2 and 3 will go off.
- 33 How can you improve the soil to make it suitable for farming? By ...
- A applying compost manure.
 - B over-crowding the seeds.
 - C removing the weeds.
 - D watering everyday.
- 34 Which of the following foods provides proteins to people who live near rivers and lakes?
- A Eggs and pumpkins
 - B Carrots and fish
 - C Fish and groundnuts
 - D Meat and oranges
- 35 The diagram below shows parts of a rain cycle, 1, 2, 3 and 4. What process takes place at place 3?



- A Evaporation
- B Freezing
- C Melting
- D Condensation

- 36 Mrs Hatontola always grows maize on her field. The third year the maize was not healthy. Which of the following would you advise her to grow for crop rotation?
- A Cabbage
 - B Groundnuts
 - C Onions
 - D Rice
- 37 Patrick wanted to start growing carrots. Which of the following shows the correct order of growing carrots?
- A Sow seeds, Harvest, Prepare the soil, Watering, Caring of seedlings.
 - B Prepare the soil, Sow seeds, Caring of seedlings, Harvest, Watering.
 - C Prepare the soil, Sow seeds, Watering, Caring of seedlings, Harvest.
 - D Caring of seedlings, Harvest, Prepare the soil, Sow seeds, Watering.
- 38 Which part of a fish enables it to float and sink?
- A Gills
 - B Intestines
 - C Swim bladder
 - D Lateral line
- 39 Why is it important to chew food thoroughly before it is swallowed?
- A Because it makes you salivate
 - B For easy and proper digestion.
 - C In order to kill germs.
 - D For easy and proper indigestion.
- 40 It is important to apply fertiliser in crops so as to ...
- A improve soil fertility.
 - B kill pests in the soil.
 - C prevent soil erosion.
 - D show that you are a good farmer.
- 41 ... make(s) animals lose weight, be less productive and have poor quality of meat.
- A Dirty surroundings
 - B Insufficient food
 - C Overgrazing
 - D Water

- 42 Grade Seven pupils were measuring the volume of water using two measuring cylinders. The first was at 30ml and the second at 40ml. The difference in volume is ...
- A 10ml.
 - B 70ml.
 - C 700ml.
 - D 1200ml.
- 43 ... means keeping the body clean, neat and having good appearance.
- A Bathing
 - B Cosmetic
 - C Eating
 - D Grooming
- 44 A landline telephone machine is made up of different parts. Identify the part that is correctly matched with its function.
- A The ringer – makes a sound to show there is a call.
 - B The transmitter – changes speech vibrations into electrical signals.
 - C The handset – shows digits and other symbols.
 - D The dial – changes electrical signals into speech vibrations.
- 45 Study the diagram below:



- The heat from the hoe does not reach the hand because ...
- A both the wood and the metal are bad conductors of heat.
 - B metal is a bad conductor of heat.
 - C wood is a bad conductor of heat.
 - D wood is a good conductor of heat.
- 46 Which of the following explains why it is important to maintain a constant supply of manure in the garden? So that it ...
- A contains less mineral salts.
 - B contains less water.
 - C contains more mineral salts.
 - D is easy to cultivate.

- 47 Buildings have air vents placed above the windows but below the roof. This is to allow ...
- A carbon dioxide to escape out of the building.
 - B oxygen to escape out of the building.
 - C carbon dioxide to flow inside the building.
 - D mosquitoes entering the building.
- 48 The process by which the outer layer of the earth turns into soil due to breaking rocks, movement of animals and the hot sun is called ...
- A erosion.
 - B mining.
 - C ploughing.
 - D weathering.
- 49 What can Sambu make using the following materials?
- Copper wire
 - Nail
 - Torch cell
- A Permanent magnet
 - B Transformer
 - C Electric magnet
 - D Electric simple radio
- 50 The solar system consists of the ...
- A sun.
 - B moon.
 - C nine planets.
 - D eight planets.

STOP! PLEASE GO BACK AND CHECK YOUR WORK.