



BUKEDDE END OF TERM 1 EXAMINATION

2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No.

Random No.	Personal No.

Candidate's Name.....

Candidate's Signature

School Random Number

District Random Number

Read the following Instructions carefully:

1. The Paper has two sections A and B

Section A has 40 questions and section B has 15 questions

**2. All answers to both Section A and B must
be written in the spaces provided,**

**3. All answers must be written using a blue or black ball point pen or
ink. Diagrams should be drawn in pencil.**

4. Unnecessary changes in your work may lead to loss of marks.

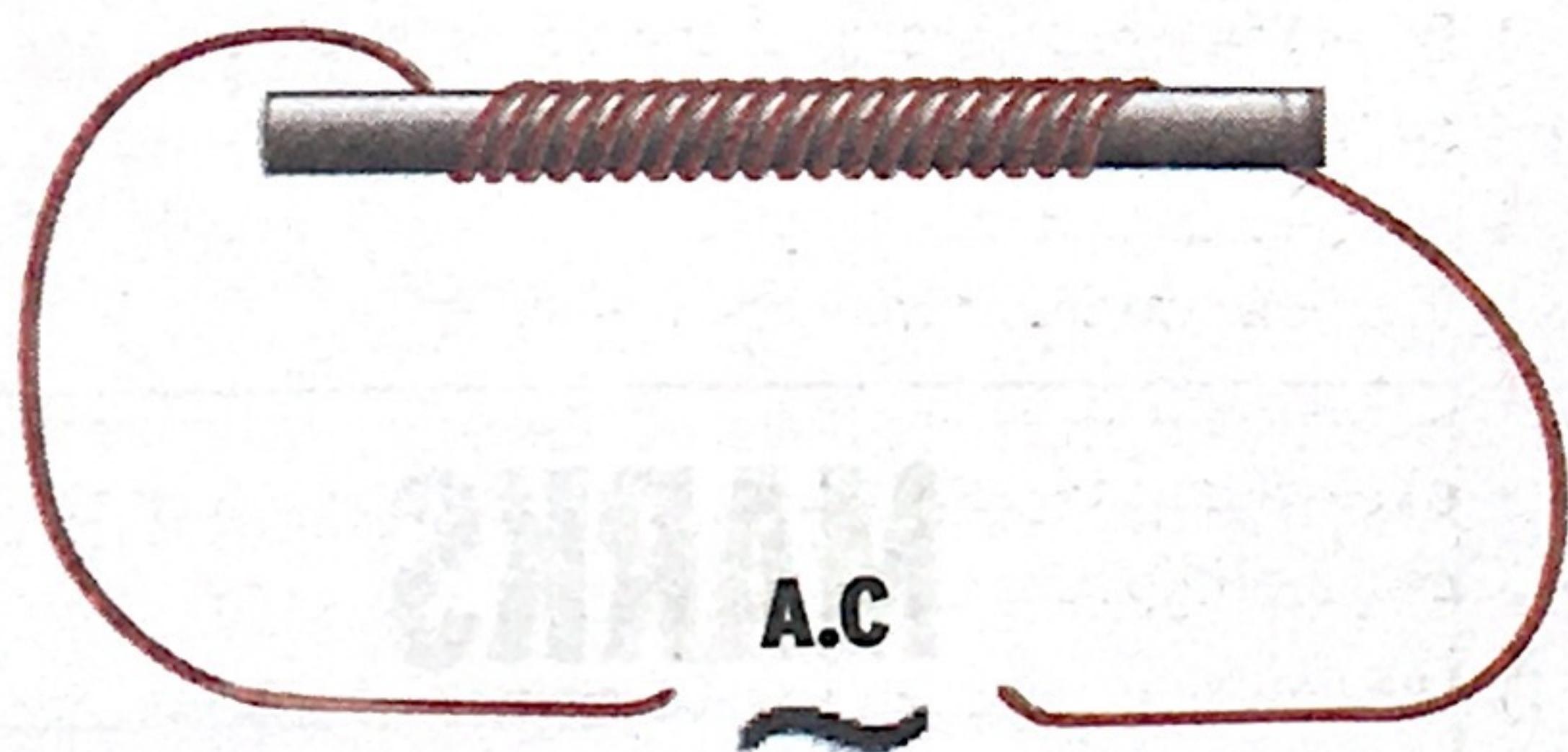
5. All handwriting that cannot be easily read may lead to loss of marks.

MARKS	
Qn. No.	Marks
1 - 40	
41 - 55	
TOTAL	

SECTION A

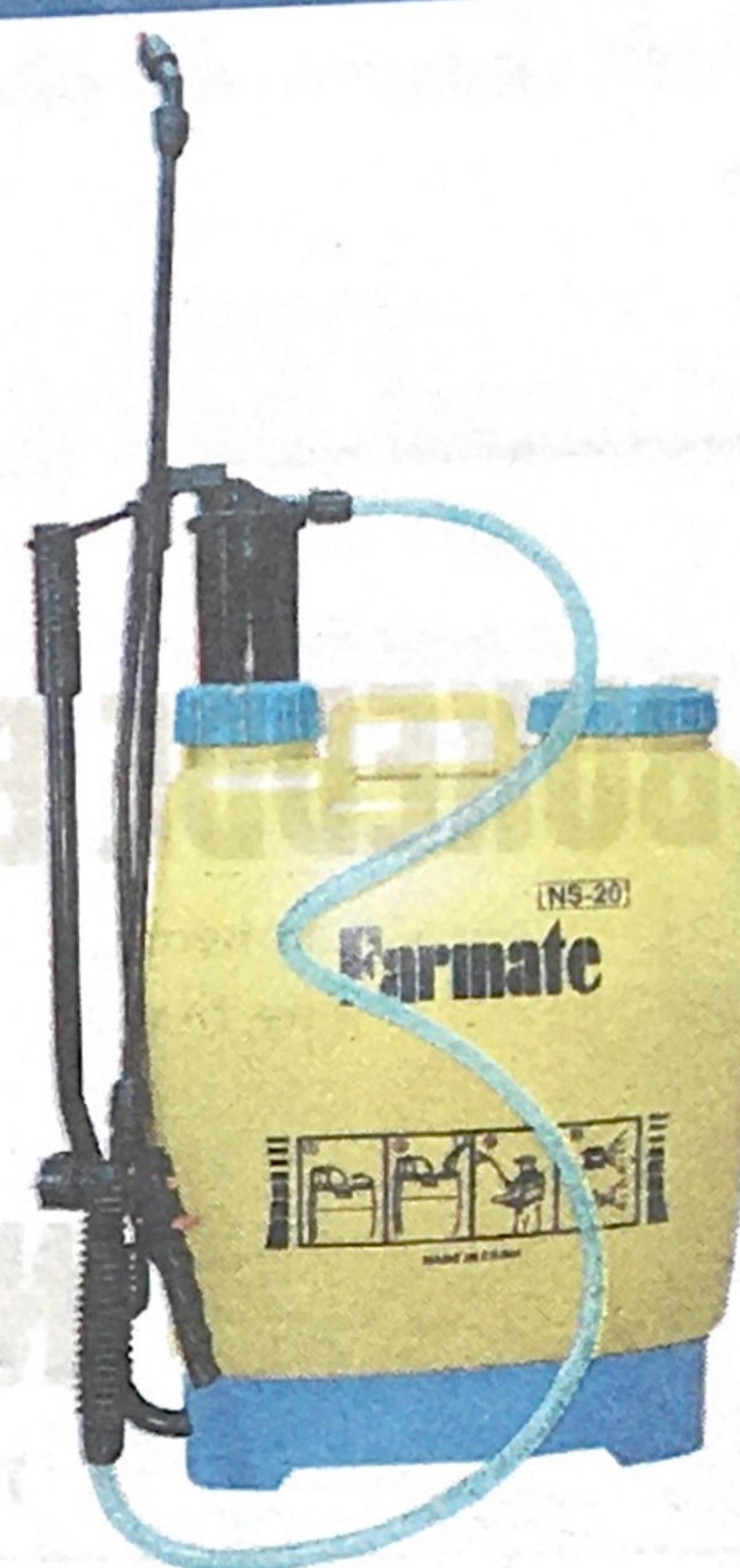
1. Give any one disease that attacks sheep in a farm.
2. Name the property of air that enables people to drink soda using straws?
3. Give the main reason why a frog is classified as a vertebrate.
4. State the best season for harvesting maize.
5. How is the stigma useful during pollination?
6. In which way is the use of biogas fuel environmental friendly?
7. State any one way a crop farmer can safeguard his crops against pests in the granary without using any chemicals.
8. Name the part of a joint that prevents bones from wearing off when moving.
9. Why is it important to keep an adolescent boy busy all the time at home?
10. Give any one requirement for starting an animal farm in your village.
11. Why is it an important factor to plant trees and short grass in the school compound?
12. State one characteristic of an essential drug

The diagram below shows a method of destroying a magnet. Use it to answer questions 13.



13. How does the above method destroy a magnet?
14. Mention any one way a mother can manage dehydration in a two day old baby.
15. Mention the main reason why children are advised to wear sandals when moving in dirty damp places at home.

The diagram shows a common farm tool. Use it to answer questions 16 and 17



16. Name the farm tool above.
17. What is the use of the above tool on a cattle farm?
18. By what means does heat travel through a vacuum?
19. Name the permanent method of family planning used by men.
20. How does crop rotation help to control soil erosion?
21. State one way lightning arrestor help to protect school buildings against danger due to lightning.
22. Why is it a bad practice to carry out massive cutting of trees in an area?
23. State one difference between a monocotyledonous plant and a dicotyledonous plant.
- Below are signs and symptoms of a common accident at school: severe swelling, sharp pain, unable to move the injured part, tender skin.
24. Name the injury with the above signs and symptoms.
25. How can a victim of such an accident be helped?
26. Why is a bat regarded as a mammal?
27. State one advantage of smoking meat.
28. How can beddings be sterilised at home?
29. What causes conjunctivitis (red eye disease)?
30. State any one way of conserving petroleum fuels in our homes.
31. Give one disadvantage of poor sanitation.
32. How do some plants prevent self-pollination in the environment?
33. Give one reason why teenage pregnancies are common in Uganda these days.
34. Why is it important to feed on foods rich in dietary fiber?
35. State one advantage of immunisation to a baby.
36. Give the importance of carrying out soil sampling before planting crops?
37. State one way sweaters help to keep our bodies warm.
38. Give any one factor that determines the rate of photosynthesis in plants.
39. Why are birds of prey able to hold their prey firmly during flight?
40. How do instruments such as a drum produce sound?

SECTION B

41. a) Give the meaning of the following terms.

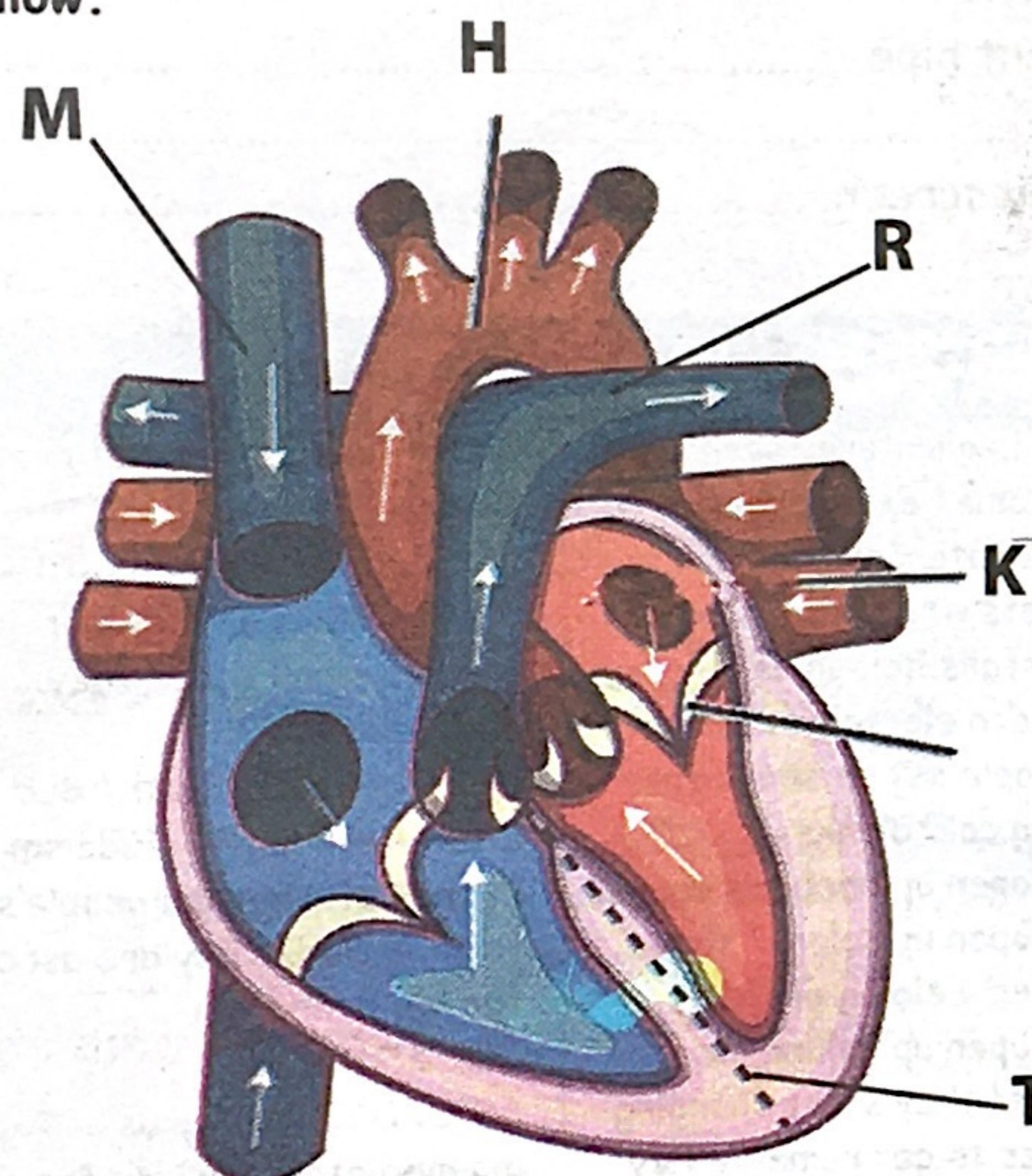
i) puberty

ii) Adolescence

b) How does teenage pregnancy affect an adolescent boy

c) State one way an adolescent can manage body changes that affect one's mind

42. The diagram below shows the human heart. Study and use it to answer the questions that follow.



a) What do the arrows in the above heart show?

b) Where does blood go after leaving blood vessel R?

c) Give the difference between the blood carried by blood vessels M and that carried by vessel K.

d) Why is the right ventricle of the heart thinner than the left ventricle?

43. a) Give the element of PHC promoted through the following activities.

i) Regular sweeping of the classroom.

ii) Attending a seminar about the break out COVID-19 in the school community.

b) State any one two uses of PHC in the school community.

i)

ii)

44. a) State one activity a family can do to promote the following.

(i) Family hygiene:

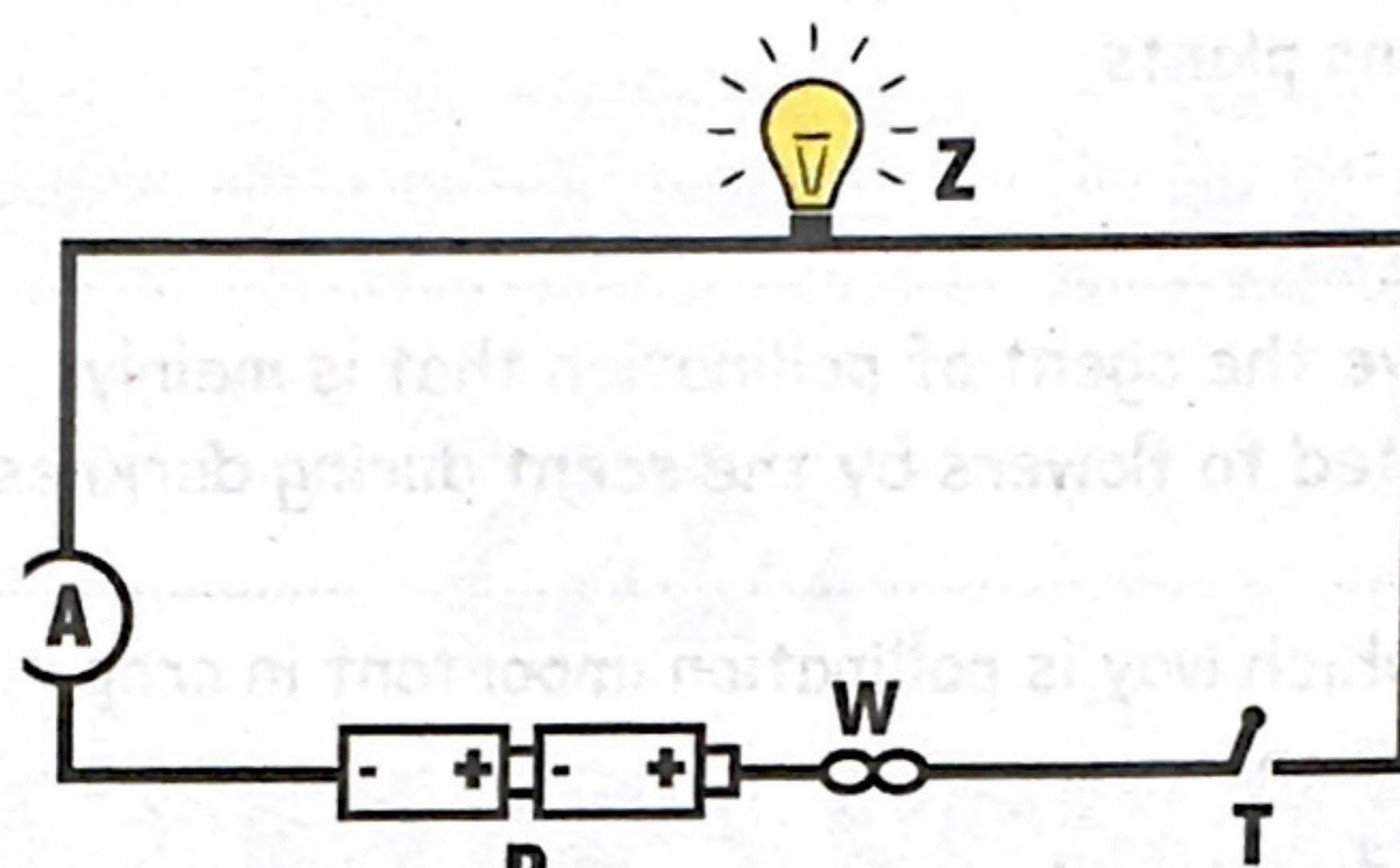
iii) Food hygiene:

b) Give two examples of self-inflicted diseases.

i)

ii)

45. The diagram below shows an electric circuit. Use it to answer the question about it.



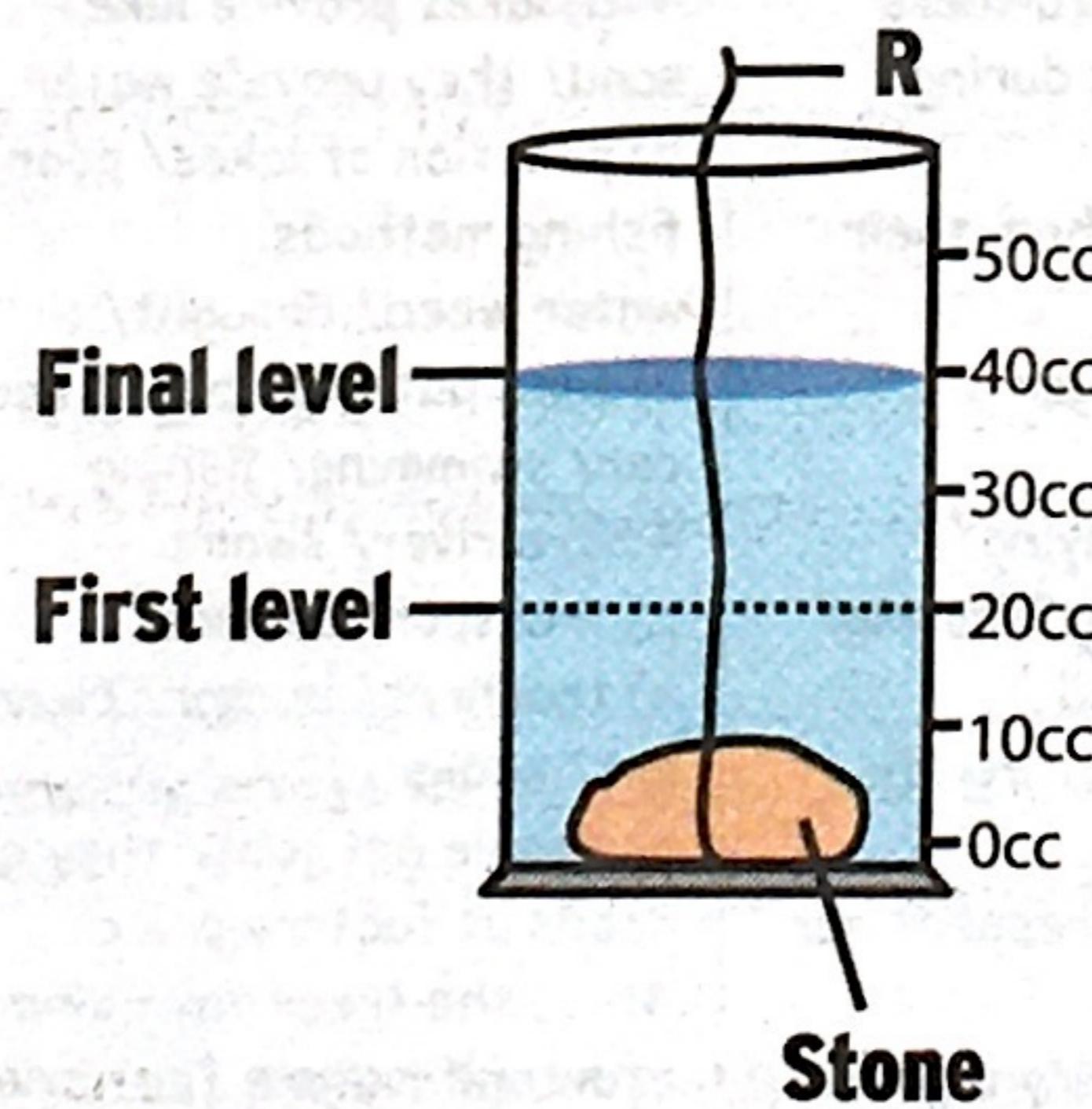
(a) Name part marked T.

(b) How is part marked W useful to the circuit?

(c) Give one energy change that takes place at Z when the switch is closed.

(d) State the effect of decreasing the voltage at P to part labelled Z.

46. Study the diagram below and answer the questions about



(a) State the method of finding volume shown above.

(b) Give a reason why it is the suitable method for finding volume of the stone.

(c) How much water is in the container?

(d) Why do some objects sink in water?

47. a) Name the type of metamorphosis a mosquito undergoes.

b) How is a butterfly dangerous during its larva stage?

c) Give any one disease spread by houseflies.

d) State any one way of reducing the spread of diseases by houseflies.

48. a) Give one methods of making alcohol.

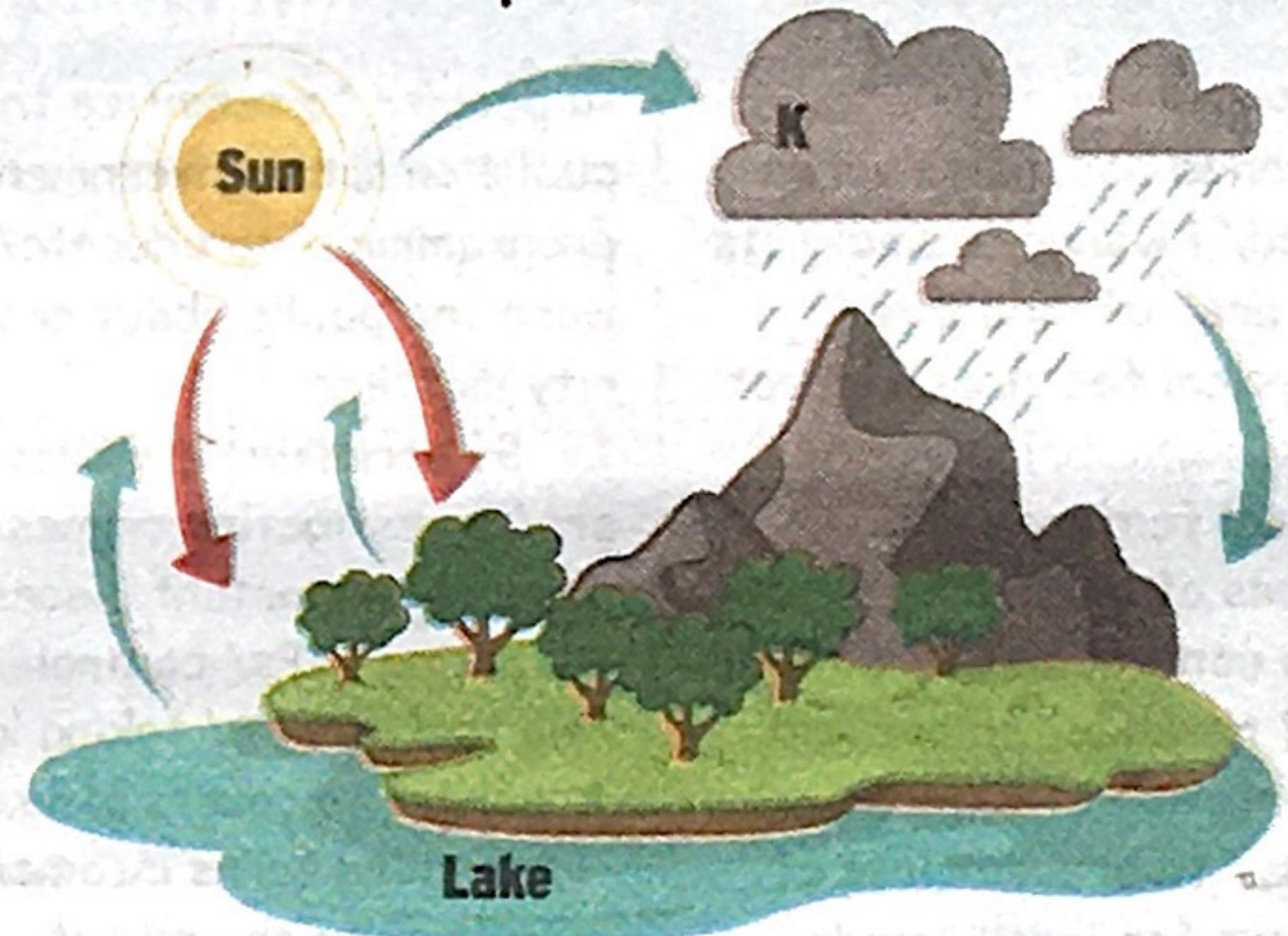
b) State any one use of alcohol in our communities.

c) Give any two body organs easily damaged by the excessive use of alcohol.

i)

ii)

49. The diagram below shows rain formation. Use it to answer questions that follow.



a) Name the process taking place at K

b) How is the above natural process useful to a maize grower

c) Apart from deforestation, give two other human activities that affect the above process

50. a) To which group of invertebrates are insects?

b) How do most insects reproduce?

c) Give any two similarities between a centipede and a millipede.

i)

ii)

51. In four short sentences, describe how you would separate a mixture of salt, sand and iron filings.

i)

ii)

iii)

iv)

END OF TERM I EXAM

52. In the diagram below, A boy placed a wrist watch on a wooden table and stood aside at the other end of the table and tried to listen to the watch ticking. He then place his ear on the table and again listened to the watch ticking.



- a) In which situation did the boy hear the loudest sounds of the ticking watch?

b) Give a reason for your answer in (a) above

c) State a reason why sound does not travel through vacuum.

d) How is sound similar to heat apart from being forms of energy?

53. a) State the two types of pollination in flowering plants.

- i)
ii)
(b) Give the agent of pollination that is mainly attracted to flowers by the scent during darkness
.....
(c) In which way is pollination important in crop production

54 a) Give any one energy resource got from the sun.

b) State any two ways of conserving wood fuel.

- i)
ii)
c) How does drought affect the production of hydroelectricity

55. a) Give two reasons why the squat hole of a VIP latrine is left open.

- i)
ii)
b) State the function of the following on a VIP latrine.
i) Vent pipe.
ii) Fly screen.

BUKEDDE END OF SST & RELIGIOUS STUDIES ANSWERS (18TH APRIL 2024)

1. Drought
2. Rwanda has a small area of land/ Rwanda is small/ its small area of land size
3. Physical features attract tourists who bring income/ physical features are sources of minerals
4. To control loss of government revenue/ to prevent importation of expired goods/ to prevent loss of market for locally made goods
5.



6. It makes communication easy
7. Magistrates settle disputes/ cases among people/ they promote justice
8. It led to the collapse of EAC
9. To make communication easy/ to ease the spread of Christianity religion
10. Potholes cause accidents on roads/ they damage vehicles
11. Somalia/ Eritrea
12. The EAC flag
13. Antarctica is far from the Equator
14. For protection/ to serve as a military base/ to store armed weapons
15. They exiled them to Seychelles Islands
16. The coastline of West Africa is indented/ irregular
17. To speak out their views/ to pass on information from the government to people/ to address their concerns

to people/ to sensitize the public on some government programmes/ to educate/ warn the public about security matters

18. By arresting law breakers/ investigating crimes/ guarding important places/ escorting VIPs/ controlling traffic flow/ taking law breakers to courts of law

19. Fishing earns income/ people sell fish and get money

20. To collect school fees/ to ensure that workers are paid at school

21. DRC has soggy soils/ it is crossed by many rivers/ it has many thick forests

22. A plain

23. It is cheap/ it promotes respect for elders/ it encourages thinking among people/ it favours the illiterates and the blind

24. It earns income through sugarcane growing/ it provides jobs to people

25. They build houses with slanting roofs/ they set up firm foundations for buildings using stones/ they construct trenches around their houses

26. For hitting trapped animals to death/ killing trapped animals

27. They provide clear signals

28. To know whether the water in the soil is enough for them to plant crops/ to find out if it is safe for them to plant

29. They preached against the evils of slave trade

/ they wrote reports against slave trade

30. Value Added Tax

31. To promote trade/ to stop slave trade/ to protect Christian Missionaries/ to establish colonial rule

32. A Bible/ Quran

33. The interior of East Africa is on a higher altitude than coastal areas

34. Crop farmers get enough water for their crops during summer season/ farmers plant their crops during summer

35. By teaching them their rights

36. EITHER: Hagar

OR: Hajara

37. EITHER: praying/ reading the Bible/ fasting/ getting confirmed

OR: praying/ reciting the Quran/ fasting

38. EITHER: to respect our parents

OR: to make a holy visit to Mecca/ Medina

39. EITHER: to show respect to God/ God's house

OR: to show respect to Allah

40. EITHER: they helped Jesus to preach the word of God/ they gave company to Jesus

OR: they helped to spread Islam

SECTION B

41. a) secret ballot system

b) national elections

promote democracy/ they promote peaceful change of leaders

c) A) ballot paper

K) ballot box

42. a) Nyamwezi

b) the Maji-Maji fighters got water from river V which they thought it had magic

c) 1) Pemba 2) Mafia

43. a) i) excise duty ii) customs duty

b) URA

c) people get salaries (civil servants)

roads are constructed/ schools are built/ hospitals are built.

44. a) lakes provide lake sand/ they provide water

b) pollution of lakes/ poor fishing methods

water weed/ drought/ sand bathing/ beach soccer/ swimming/ fishing

45. a) a river/ swamp

b) transport service

c) teachers/ bursar/ cleaners/ cooks

d) people get jobs/ they get goods at factory price

46. a) the trees take long to grow and mature for harvest

b) a dairy farmer gets animal feeds from forest/ a dairy farmer gets poles for building paddocks/ a dairy farmer gets timber for setting structures for calves

d) to prevent drought/ to improve on the climate of an area/ to control global warming

47. a) to use it for constructing roads/ to maintain roads/ to repair bridges/ to construct bridges

b) to cater for unforeseen expenses/ to cater for unexpected disasters/ to cater for emergencies in a country

c) the Legislature/ parliament

d) income/ expenditure

48. a) waterfalls attract tourists who bring income/ waterfalls help in generation of hydro electricity power

b) people set up shops for selling cold drinks

they open up barber's shops/ they open up salons/ they started welding projects/ they open up milling machines/ they start charging phones to get money/ they open up Cinema/ Video halls

49. a) these are places where early man lived

b) Early man settled near lakes and rivers

c) i) early man got enough food/ early man started living a settled life

ii) early man made better tools out of iron for farming/ protection

50. a) Blue Nile

b) Sugarcane

c) Sudan

d) it has provided jobs to people

it has increased food production on Sudan

it has increased the production of raw materials

it is a source of income to people in Sudan

51. EITHER: a, a talent is a natural ability to do something well/ a God given gift to do something well.

b) swimming/ dancing/ acting/drawing/ running/ singing/ playing football/ volleyball/netball/ preaching/ teaching

c) they get money/ they become famous/ they

travel widely/they get many friends

OR) AS ABOVE

52. EITHER: a, they worshipped small gods/ they believed in ATR

b) Islam/ Bahai faith/ Buddhism/ Hinduism/ Judaism

c) they strengthen people's faith in God/ they are used for identification

OR: AS ABOVE

53. EITHER: a, by using mediators/ asking for forgiveness/ paying a fine/ organizing peace talks

b) revenge can lead to death among people/ revenge promotes hatred/ revenge causes disunity among people

OR: AS ABOVE

54. EITHER: a, laziness leads to poverty among people/ laziness leads to stealing/ laziness does not promote development among people/ laziness can lead to sinning

b) to get money/ to get food/ basic needs/ to serve others/ to kill boredom

OR: AS ABOVE

55. EITHER: a, Adam and Eve ate the forbidden fruit/ they disobeyed God/ They committed the original sin

b) laziness/ death of parents/ accidents/ poverty/ unemployment/ disobedience/ wars/sickness

c) Redcross/ UNHCR/ world Vision international/ UWESO/ TASO/UMEA/ CCF/ Wakisa ministries / Watoto Ministries/ Plan international/ OR) AS ABOVE