

 CENTRAL EDUCATIONAL CONSULT

INTERGRATED SCIENCE

PRIMARY SIX END OF TERM ONE 2025

Time allowed: 2 hours 15 minutes

SECTION A:

Mention any one material used for promoting sanitation at school.

Slashers

Give any one type of digestion.

Chemical digestion

3. Name any one disease that results from poor personal hygiene.

Scabies

4. Mention any one drug of dependency.

Alcohol

5. Give the difference between a first aid box and a first aid kit.

A first aid box is a box

where first aid kit are kept while a first aid kit is anything used when giving first aid.

6. Why is an ostrich unable to fly?

They have shortless wings.

7. Mention any one raw material for photosynthesis.

Oxygen

8. Give any one way the use of artificial fertilizers affect the soil.

It leads to soil infertility.

9. Name any one vector that carries germs from dirty places to our food.

House fly

10. State the use of rat guards on a granary.

They prevent rats from entering in a granary.

11. Name the body condition treated using ORS.

Dehydration

12. Give any one way tar affects an individual.

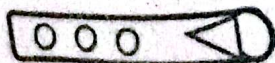
13. State the reason why melting of candle wax is considered as a physical change.

It does not form new substance

14. State the use of a kink in clinical thermometer

A kink prevents the back flow of mercury

15. In which way does the instrument shown below produce sound.



By blowing

16. Mention any one group of vulnerable people.

Elders

17. Write any one part that make up the stamen of a flower.

Filaments

18. State any one structural difference between a vein and an artery

A vein ~~have~~ ^{lumen} is wider, while an artery is narrower.

19. Give any one disadvantage of using traditional beehives.

It leads to ~~the~~ ^{swimming} of bees ~~increase~~ of bad ~~wheat~~

20. State the use of root hair to a plant.

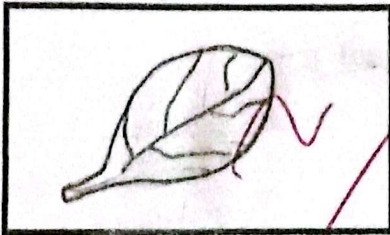
It absorbs water and mineral salt from the soil.

21. Name any one type of immunity.

Natural immunity

22. In which way does oiling protect metallic garden tool from rusting?

23. Draw a monocotyledonous leaf in the space provided below.



24. By which process does heat travel through wires?

By conduction

25. In which way does a tortoise protect itself?

By hiding in its hard shell

26. Give any one reason people give as to why they smoke tobacco.

To reduce stress

27. State any one way of caring for sweet potatoes.

By weeding them

28. Mention any one food stuff that increases the volume of blood in the human being.

Carbohydrates

29. Mention any one disease that affects both rabbits and poultry.

Coccidiosis

30. State any one characteristic common to all carnivorous mammals.

They have sharp pointed canine teeth.

31. Give any one way bee products promote body health.

Honey

coccidiosis

32. Name the type of teeth used for cutting food.

~~incisors~~ Incisors

33. What happens to the density of an object when its volume reduces and mass remains the same?

It sinks

34. Mention any one disease that affects human blood cells.

Aids

35. State the use of the body organ below



Gullet

Stomach

36. Mention any one practice that enables the soil regain its fertility.

Bush fallowing

37. How does sound travel from one place to another.

By means of sound waves

38. Name the weather instrument that measures the strength of wind.

Wind vane

39. State any one effect of alcoholism to an individual.

It leads to shamesness

40. Give any one element of PHC.

Family Planing

SECTION B:

1. (a) What is Pollination?

Pollination is the transfer of polline grain pollina grains

(b) Give any one type of pollination. from answer head to the stigma.

Self pollination

(c) Give any two agents of pollination.

(i) Insects

(ii) Birds

2. (a) Name the type of soil erosion that commonly takes place in hilly areas.

Gully erosion

(b) In which way does soil erosion reduce crop yields?

It washes away fertile soils which support crops to grow well.

(c) State the way afforestation controls soil erosion.

(d) Apart from afforestation, give any other way of controlling soil erosion in the garden.

By mulching

43. (a) Match each crop growing practice in list A with its meaning in list T.

A	T
Crop rotation	Growing of different types of crops on the same piece of land season after season.
Monocropping	Growing of same types of crops on the same piece of land season after season.
Thinning	Removal of excess plants in the garden.
Pruning	Removal of excess branches from the plant.

- (i) Crop rotation Growing of same types of crops on the same piece of land season after season
- (ii) Monocropping Growing of different types of crops on the same piece of land season after season
- (iii) Thinning Removal of excess plants in the garden.
- (iv) Pruning Removal of excess branches from the plant.

44. Mention any two components of blood.

(i) Blood Vessels Water Red blood cells

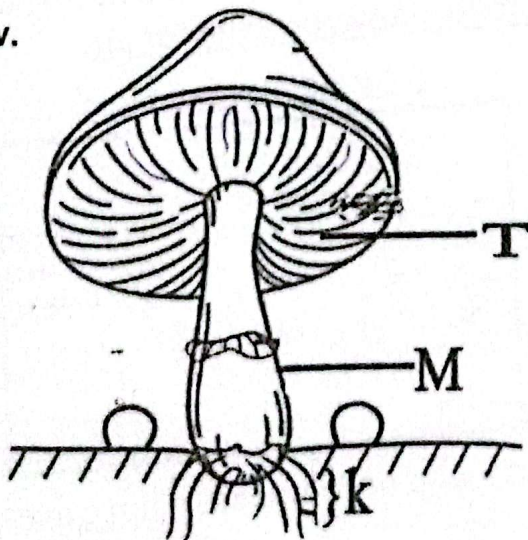
(ii) Blood cells White blood cells

(b) Give any two uses of blood in the human body.

(i) F

(ii) ~

45. The diagram below is of a fungus. Study and use it to answer the questions that follow.



(a) Name part labeled;

(i) T Gills

(ii) K hyphae

(b) State the function of part labeled M.

It holds the ~~gills~~ mushroom in one position.

(c) In which way is the fungus shown above useful to man.

It is source of mineral salts

46. (a) What is the gestation period of a rabbit?

(b) Give any two rabbit products.

(i) fur

(ii) Meat

(c) State any one way of controlling parasites in a hutch.

By spraying

47. (a) To which group of mammals is each of the following?

(i) Rat Rodents

(ii) Monkey Primates

(b) State any one general characteristic of mammals.

They have backbone They give birth alive young ones

(c) Why are mammals grouped under vertebrates?

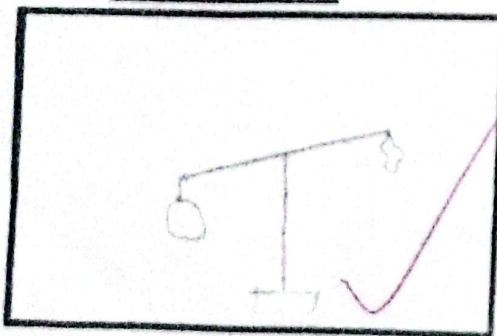
They have backbone

48. (a) Define the term air.

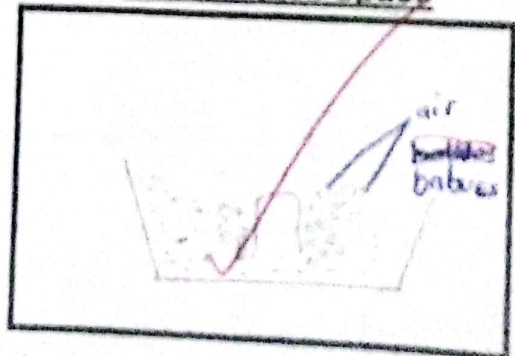
Air is the mixture of gases.

(b) Draw a diagram to illustrate each of the following properties of air.

Air has weight



Air occupies space



(c) Mention the component of air required by bacteria to decompose organic matter.

Nitrogen

49. (a) Give any two examples of physical changes.

(i) melting candle

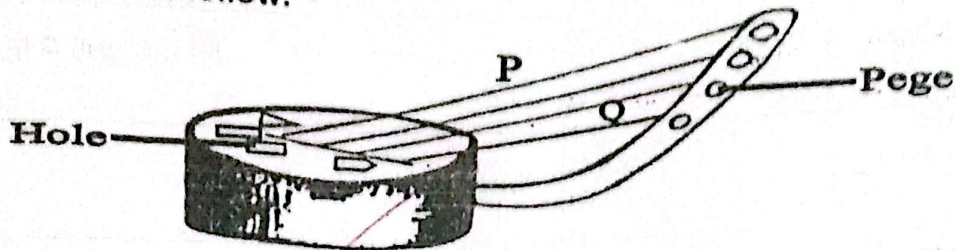
(ii) Death

(b) State any one way physical changes are different from chemical changes.
Physical changes are changes which do not form new substances while chemical changes are changes which form new substances from old ones.

(c) Identify any one way physical changes benefit human beings.

They do not form new substances

50. The diagram below shows a musical instrument, study it and answer the questions that follow.



(a) Name the musical instrument shown above.

Bow harp

(b) To which group of musical instruments does it belong?

String musical instruments

(c) In which way can the pitch of sound produced by the instrument shown above be increased?

By stringing a string P and Q.

(d) How does the instrument shown above produce sound?

By string it

51. (a) What does each of the following worms feed on in the ileum?

(i) Tape worm digested food

(ii) Hook worm blood

(b) Give any one way of protecting infants from getting tapeworms.

Through feeding on well cooked meat.

(c) Identify any one indicator of hookworm infections in infants.

Swollen moon face

52. (a) Define each of the following terms.

(i) Drug prescription is the way of using drugs properly

(ii) Drug abuse is the mis-taking a lot of drugs

(iii) Drug misuse is the way of using poorly.

(b) Give any one advantage of following drug prescription to a patient.

53. (a) Name any two vectors that feed on human blood.

(i) Tsetse flies

(ii) Mosquitoes

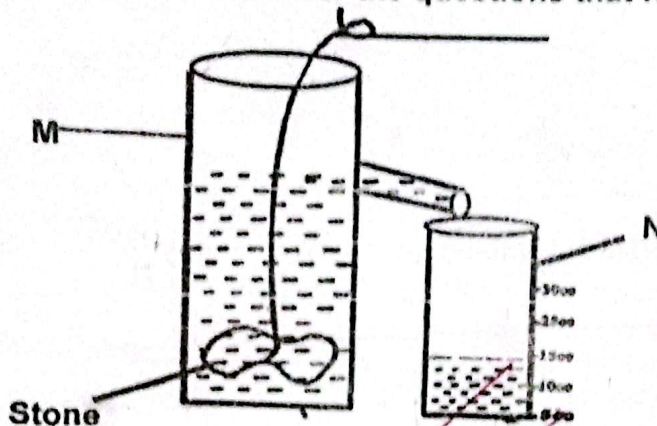
(b) State any two ways vectors can be minimised in the environment.

(i) By spraying with insecticides

(ii) By introducing fish in ponds to feed on larvae of mosquitoes

34. The diagram below shows one of the methods used to find volume.

Study and use it to answer the questions that follow.



(a) Name each of the following containers;

(i) M Overflow can

(ii) N Measuring cylinder

(b) Name method of finding volume shown above.

Displacement method

(c) Find the volume of the stone in the diagram above.

$$V = 1500 - 500$$
$$V = 1000$$

35. (a) Name the set of teeth that develop first in human beings.

Milk teeth

(b) Give any two ways of preventing dental caries.

(i) By flossing

(ii) By brushing teeth every meal

(c) Identify any one disorder of the human teeth.

Teeth decay