NEXT EXAMINATIONS BOARD

PRIMARY FIVE INTEGRATED SCIENCE MARKING GUIDE

End of Year 2026 (Promotional Set)

SECTION A (40 MARKS)

Answer all questions in this section. Questions 1 to 40 carry one mark each.

1. State the function of scissors when giving first aid for cuts on the head.
   - To cut the hair around the wound
   - to cut the bandage or cloth

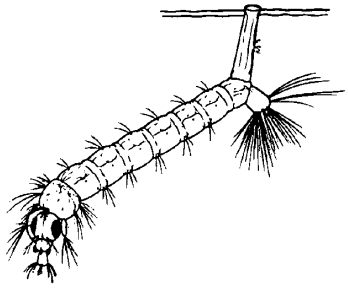
2. Name the type of hive that does not have a queen excluder.
   - Top bar hive

3. Give the role of the type of tooth found at the corner of the mouth during digestion.
   - It tears food

4. Give any one responsibility of the community in the promotion of Primary Health Care (PHC).
   - Taking children for immunisation
   - keeping the environment clean
   - digging and using latrines
   - giving health information

5. Give a reason why sweet potato plantations are not mulched.
   - The vines cover the ground like a mulch

The diagram below shows a stage in the life cycle of a mosquito. Use it to answer question 6.



6. Name the type of mosquito to which the stage shown above belongs.
   - Culex mosquito

7. State any one characteristic of mushrooms.
   - They have no chlorophyll
   - they feed on dead matter
   - they reproduce by spores

8. Name the part of a residential house that provides extra support to the wall.
   - Veranda
   - Buttress

9. Give any one way in which harvested cassava tubers can be preserved at home.
   - By drying it
   - by making cassava chips or flour
   - by frying or boiling it

10. Apart from deforestation, give any one other factor that affects the production of hydroelectricity.
   - Reduced rainfall (drought)
   - siltation of rivers
   - drainage of wetlands
   - pollution

11. Identify the part of the human body that performs the same function as the halteres of a grasshopper.
   - The ear

12. Give any one sign and symptom of Newcastle disease in poultry.
   - Twisting of the neck
   - greenish diarrhoea
   - gasping for air
   - paralysis
   - drop in egg production

13. Identify the example of chemical change that helps in the formation of compost manure.
   - Rotting
   - Decaying

14. Give any one practice that can weaken the immunity of a child.
   - Poor feeding
   - not immunising the child
   - living in a dirty environment
   - lack of breast milk

15. Give any one way of controlling pinworm infestation in humans.
    - Washing hands before eating
    - cutting nails short
    - bathing daily
    - washing bedding
    - deworming

16. Write down the way in which plants help to purify air in the environment.
    - They take in carbon dioxide and give out oxygen

17. State any one way in which failure to follow road traffic signs can cause accidents.
    - Drivers do not know when to slow down or stop, so vehicles collide.
    - Drivers overtake at wrong places and cause collisions.

18. Give any one way in which the addition of water in food is important during cooking.
    - It softens the food.
    - It prevents the food from burning.
    - It helps heat to spread in the food.

19. Write down any one way of caring for the body organ which pumps blood in the body.
    - Doing regular exercise
    - eating a balanced diet
    - avoiding smoking
    - avoiding fatty foods
    - having regular check-ups

20. Name the type of soil that is good for making pots.
    - Clay soil

21. Give any one disadvantage of lack of enough space to poultry in their house.
    - Diseases spread easily.
    - Birds fight and injure one another.
    - Birds peck each other's feathers.

22. Mention any one scar found on a maize grain.
    - Hilum
    - micropyle

23. State the importance of a cork on a thermos flask.
    - The cork prevents heat loss from the flask.
    - It closes the mouth of the flask.

24. State the way in which breast feeding helps to protect babies against diseases.
    - Breast milk has antibodies

25. Name the part of a flower that develops into a fruit.
    - Ovary

26. State the reason why shadows are short at noon.
    - The sun is overhead at noon

27. Give the way in which density affects the behaviour of objects when put in water.
    - Dense objects sink while less dense ones float

28. Name the instrument used to measure the amount of rainfall.
    - Rain gauge

29. Mention any one reason why sick babies should be given food rich in proteins.
    - They help the body to grow and repair tissues

30. Mention the domestic animal that provides security at home.
    - Dog

31. Give any one activity done by a Young Farmers' Club in the school.
    - Growing crops
    - rearing animals
    - debating
    - visiting farms
    - holding exhibitions

32. State any one way in which promoting oral health is important to human health.
    - It prevents tooth decay.
    - It prevents bad breath.
    - It prevents gum diseases.

33. Give any one way of reducing bad smell in latrines.
    - Covering the hole
    - putting ash in the latrine
    - cleaning the latrine regularly
    - using a ventilation pipe

34. Name the part of a Six's thermometer that enables the magnet to reset it.
    - Steel index

35. Mention any one factor considered when selecting a dairy breed of goat to rear.
    - High milk yield
    - disease resistance
    - good health
    - good body size

36. Give any one way in which the spread of polio can be controlled.
    - By immunising children with the polio vaccine
    - by keeping good hygiene

37. Give any one way of preventing the spread of cholera.
    - Boiling drinking water
    - using latrines
    - washing hands with soap
    - covering food
    - immunisation

38. Mention any one condition in which men can be grouped under vulnerable.
    - Being disabled
    - being old
    - being an orphan
    - being a refugee
    - being poor
    - living with HIV

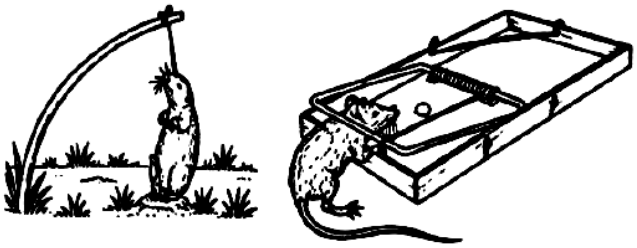
39. State one reason why the government of Uganda encourages full participation of every citizen during the National Cleaning Day.
    - To keep the environment clean.
    - To prevent diseases.
    - To promote unity among people.

40. State the way in which plants help to maintain the water cycle in the environment.
    - Plants give out water vapour by transpiration

SECTION B (60 MARKS)

Answer all questions in this section. Questions 41 to 55 carry four marks each.

41. The diagrams below show a method used in the management of pests in the garden. Study and use them to answer the questions that follow.



a) Identify the method of managing garden pests shown in the diagrams above.
- Trapping

b) Mention any one pest that can be managed using the method shown in the diagrams above.
- Rats
- Moles
- Mice

c) State any two advantages of using the above method to control garden pests.

(i) It is cheap / It is easy to use

(ii) It does not pollute the environment / It does not harm other animals

42. a) Mention any two ways of promoting oral health.

(i) Brushing the teeth after meals / Rinsing the mouth / Using chewing sticks

(ii) Visiting a dentist / Avoiding sweet foods

b) Identify the type of teeth that serves the same purpose as a grinding machine.
- Molars

c) Write down any one disease of teeth.
- Tooth decay
- Gingivitis
- Plaque

43. The diagram below shows an equipment commonly found at school. Study and use it to answer the questions that follow.



a) Name the equipment shown above.
- Fire extinguisher

b) Give one reason why the above equipment is always painted red.
- So that it is easily seen
- Red is a danger signal

c) State the reason why the above equipment is recommended to be in schools.
- To put out fires in the school

d) Why is carbon dioxide used in the above equipment and not oxygen?
- Carbon dioxide does not support burning but oxygen does

44. Abdul was not feeling well. When the nurse measured his temperature, it had dropped by 2°C from the normal body temperature.

a) What was the body temperature of Abdul?
- 37°C – 2°C = 35°C

b) Convert the body temperature in (a) above to the Fahrenheit scale.
F = (9/5 x 35) + 32 ✓M1
= 63 + 32
= 95°F ✓A1

c) State any one difference between temperature and heat.
- Temperature is the degree of hotness while heat is a form of energy
- Temperature is measured in degrees while heat is measured in joules

45. a) Give the gestation period of a sow.
- 114 days
- 115 days
- 3 months, 3 weeks and 3 days

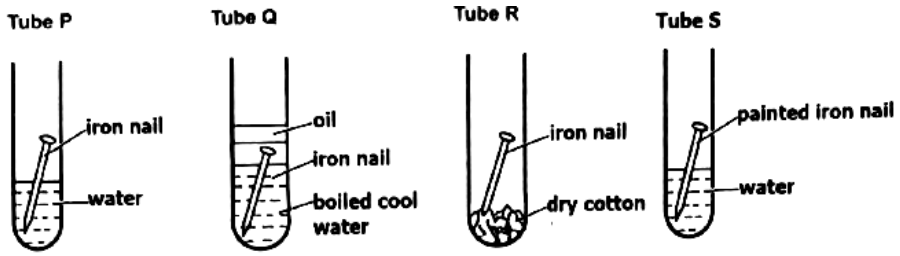
b) State any two ways of caring for pigs.

(i) Feeding them well / Providing clean water / Deworming them

(ii) Cleaning their pen / Spraying against pests / Vaccinating them

c) Mention any one importance of teeth clipping in pig management.
- To prevent piglets from injuring the sow's teats

46. The experiment below was carried out to investigate the conditions necessary for rusting to occur. Study and use it to answer the questions that follow.



a) Identify the tube in which the iron nail will rust after some time.
- Tube P

b) State the reason why water in Tube Q was boiled before it was used.
- To remove dissolved air (oxygen)

c) Give any one way in which rusting is important in the environment.
- It breaks down scrap iron
- It helps in the disposal of old metals
- Rusting adds iron to the soil, which makes the soil fertile

d) Mention any one reason why rusting is regarded as a chemical change.
- A new substance (rust) is formed
- The change is not easily reversed

47. a) Name the vector that spreads yellow fever.
- Aedes mosquito

b) State any two signs and symptoms of yellow fever in humans.

(i) Fever / Headache / Vomiting

(ii) Yellow skin and eyes / Muscle pain / Bleeding

c) Give any one way in which yellow fever can be controlled at home.
- Sleeping under treated mosquito nets
- Draining stagnant water
- Vaccination

48. The table below shows types of injuries in part A and the meaning of each type in part B.

Part A: Type of injury	Part B: Meaning
Bruise	A torn ligament.
Cut	A broken or cracked bone in the human body.
Sprain	An opening on the skin caused by a sharp object.
Fracture	A body swelling caused by internal bleeding.

Use the meanings in part B of the table to match the types of injuries below.

i) Bruise: A body swelling caused by internal bleeding

ii) Cut: An opening on the skin caused by a sharp object

iii) Sprain: A torn ligament

iv) Fracture: A broken or cracked bone

49. a) Give the function of each of the following garden items during crop growing.

i) String:
- It is used for marking straight lines when planting

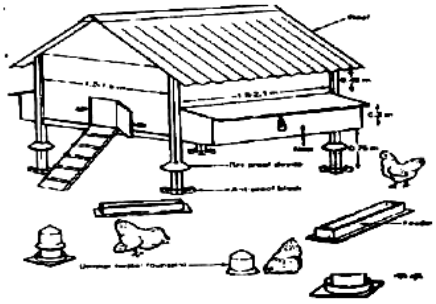
ii) Hoe:
- It is used for digging
- It is used for weeding
- It is used for making planting holes

b) State any two reasons why crop farmers clear land during the dry season.

(i) The soil is dry and easy to work on / It is easy to burn the bush

(ii) To prepare the land early for the rains / To avoid weeds growing

50. The diagram below shows a system of keeping poultry. Study and use it to answer the questions that follow.



a) Name the system of keeping poultry shown above.
- Free range system

b) State any one reason why the above system of rearing poultry is commonly used in rural areas.
- It is cheap
- It needs little labour
- Birds look for their own food

c) Give any two disadvantages of using the above system of keeping poultry.

(i) Birds are attacked by predators / Birds can be stolen

(ii) Diseases spread easily / Eggs get lost

51. a) Mention any two aspects of wind.

(i) Wind direction

(ii) Wind speed

b) Give a reason why wind weather instruments are put in an open place.
- So that the wind moves freely

c) State what one can do to make a Stevenson screen reflect radiant heat from the sun.
- Paint it white

52. a) Give one importance of each of the following practices on a goat farm.

i) Browsing:
- It gives goats cheap feed

ii) Flushing up:
- It helps the doe to produce twins

b) Give any two ways of caring for a pregnant nanny goat.

(i) Giving her enough feed and water / Vaccinating her

(ii) Keeping her house clean / Avoiding rough handling / Deworming her

53. a) Give the meaning of the term flower.
- The reproductive part of a flowering plant

b) State any two requirements needed by plants to make food.

(i) Sunlight / Chlorophyll

(ii) Carbon dioxide / Water

c) State any one way in which photosynthesis is useful to animals.
- It gives animals food
- It gives out oxygen for animals to breathe

54. a) Name the germ that causes typhoid in humans.
- Bacteria (reject: Salmonella typhi)

b) Identify the human body system that is affected by typhoid.
- Digestive system

c) Give any two practices done to keep the body system mentioned in (b) above in good working condition.

(i) Eating a balanced diet / Drinking clean boiled water

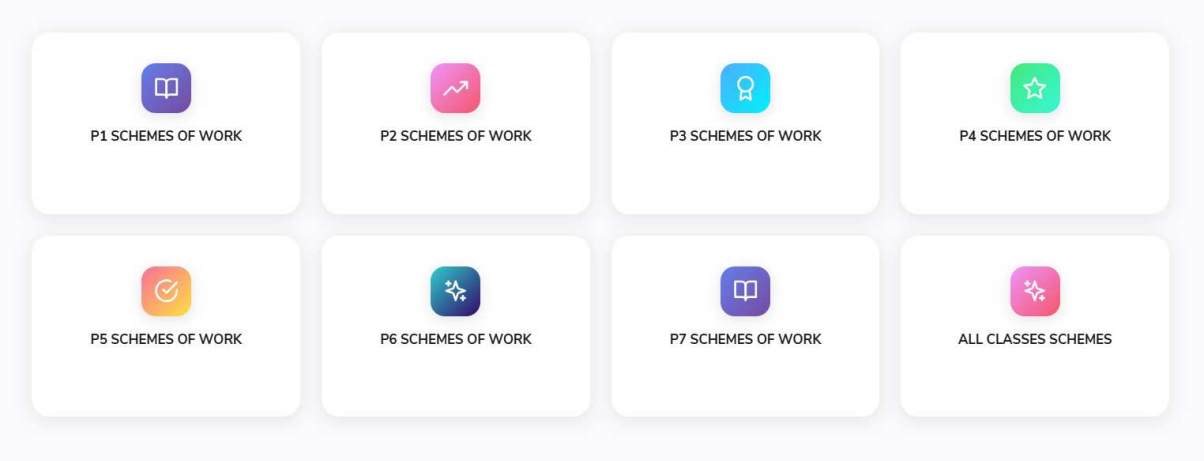
(ii) Washing hands before eating / Eating clean food

55. You are provided with a saucepan, a mixture of salt and sand, water, a filter paper and a source of heat. Describe an experiment to show how salt can be obtained from the mixture.
- ['Step 1: Pour the mixture of salt and sand into the saucepan, add water and stir so that the salt dissolves.', 'Step 2: Filter the mixture using the filter paper; the sand remains on the filter paper and the salt solution (filtrate) passes through.', 'Step 3: Heat the filtrate in the saucepan so that the water evaporates.', 'Step 4: Salt crystals remain in the saucepan.']

- Step 1: Pour the mixture of salt and sand into the saucepan, add water and stir so that the salt dissolves.
- Step 2: Filter the mixture using the filter paper; the sand remains on the filter paper and the salt solution (filtrate) passes through.
- Step 3: Heat the filtrate in the saucepan so that the water evaporates.
- Step 4: Salt crystals remain in the saucepan.

END

This document was downloaded from https://exoticnotes.com



Do you need more!

SCHEMES OF WORK for Primary (All Subjects)

Click
https://exoticnotes.com/schemes_of_work/primary/

For LESSON NOTES P.1 – P.7
Click
https://exoticnotes.com/notes/primary/

For Papers and Exams P.1 – P.7
Click
https://exoticnotes.com/papers/primary/

For Holiday Packages P.1 – P.7
Click
https://exoticnotes.com/holiday-work/primary/