

PRIM JUNIOR SCHOOL - KAGOMA

END OF YEAR PROMOTIONAL EXAMINATIONS, 2024

INTEGRATED SCIENCE – P.6

TIME: 2HRS 30 MINS

Name: CLASS:

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully;

1. The paper has two sections: **A** and **B**.
2. Section **A** has 40 short questions (40 marks)
3. Section **B** has 15 questions (60 marks)
4. Attempt **ALL** questions. All answer to both Sections **A** and **B** must be written in the spaces provided.
5. All answers must be written using blue or black ball-point pen or ink. Only diagrams and graphs work may be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do **not** fill any thing in the boxes indicated for examiners' use only.

FOR EXAMINER'S USE ONLY

SECTION A	TOTAL (%)
SECTION B	

SECTION

A (40Mks)

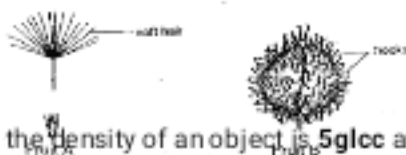
1. State **one** form of energy produced by a ringing bell.
.....
2. Apart from boiling water, how else can water be made safe for drinking?
.....
3. How is the pinna very useful in the course of hearing?
.....
4. By what process does the sun reach Mrs Linda who is digging?
.....
5. Give another name of a Worker bee
.....
6. What technical term is used to describe the highness or lowness of sound?
.....
7. Why is food scientifically called an energy resource?
.....
8. State **one** method that farmers use to identify their cattle from others.
.....

9. Although alcohol is dangerous to the body, it is useful in industries.
State **one** value of alcohol to industries.
10. Apart from the lungs, what other part of the animal in the diagram below is used for respiration?



11. The eggs of the animal above are fertilized externally.
What is external fertilization?
12. State **one** way of helping vulnerable groups of people in society.
13. What is **the value** of turpid sponging when dealing with fever?
14. How are the animals listed below similar?
frog, toad, salamander and newt.
15. Other than honey, identify another product made by bees which human beings use.
16. Suggest **one** reason why farmers in dry areas become very happy when they see nimbus clouds in the sky.
17. Why is malaria common in warm places that have plenty of stagnant water?
18. Name the body system that comprises the parts below; large intestines, ileum, mouth, gullet, duodenum, rectum and anus.
19. Give the difference in the way bacteria and fungi reproduce.
21. At a farm in Nkone Kamuli, Friesians are crossed with Ankole cattle,
state **one** advantage of this.
22. If water is boiled and it turns to steam, this is a change of state of matter.
What type of change is this?
23. How **important** is the semi – circular canal of the ear?
24. Why is it bad to use hard paper like newspapers in flush toilets to clean ourselves?
25. Give a **reason** why bush burning is discouraged as a way of clearing land.

26. Suggest **one** reason why children in schools should be taught about safety measures against fire and fire fighting.
.....
.....
27. What is **the best way** of fighting cannibalism in poultry keeping?
.....
.....
28. Why is **smoking dangerous** in public places?
.....
.....
29. What **type of change** does the cigarette undergo after smoking?
.....
.....
30. Why is it **important** to give a lot of fluids to a person who has drunk poison?
.....
.....
31. Give **one** advantage of using a clay charcoal stove over a metallic stove.
.....
.....
32. State **any one vaccine** given to babies at birth.
.....
.....
33. Identify **one** other value of camouflaging in animals, apart from hiding away from their enemies.
.....
.....
34. What disease in cattle will make the animals to have blisters and wounds around their mouth and hooves?
.....
.....
35. Name the agent of seed dispersal responsible for dispersing the seed below



36. Given that the Density of an object is **5g/cc** and mass **15g**.
Calculate the space occupied by the object.
.....
.....
37. Give **one disadvantage** of leaving candle wax burning in dormitories or houses when people are asleep.
.....
.....
38. Of what **advantage** is a chameleon having a sticky long tongue?
.....
.....
39. Water is very useful to man but can also be very dangerous.
In what **one** way can water be dangerous to man?
.....
.....

40. Suggest **one** advantage of keeping drugs out of reach of children in a home.

SECTION B (60 MKS)

- 41.a) What is **First Aid**?

- b) Identify **the first aid** given to a person with high fever.
- c) How useful is the first aid in (b) above to a person?
- d) Besides fever, mention **any other form** of accident you know.

42. The diagram below is of a scorpion. Use it to answer questions that follow.



- a) State the group of arthropods where the above scorpion belongs.
- b) How dangerous is part R to people?
- c) In what way is the breathing of the above creature different from that of an insect.
- d) Besides a scorpion, mention **any one** other creature that belongs to the same group of arthropods mentioned in (a) above.

- 43.a) Identify **the germs** which commonly make milk go bad.

- b) In what way can milk be kept safe?
- c) How can one find out whether a sample of milk has a lot of water or not?
- d) Give **any one** product obtained from milk.

Study the diagram below and answer question 44.



44.a) State **the function** of part **N**.

b) How **useful** is part **L** to the fish?

c) In what **way** is part **T** **similar** to the steering wheel of a vehicle?

d) Why is the animal above referred to as **an aquatic creature**?

45.a) Identify **any two** ways animals can be used to provide energy.

i)

ii)

b) Briefly explain the meaning of the term **energy resource**.

c) Give **one** way how wind can be used as an energy resource.

46.a) Why is a duck billed platypus referred to as a mammal?

b) To which group of mammals does a duck billed platypus belong?

c) Besides a duck billed platypus, mention **any other animal** in the same group stated in (b) above.

d) State **any one** difference between mammals and birds.

47.a) What causes the following diseases among cattle?

i) Anthrax

ii) Rinder pest

b) How can farmers **promote the health** of their animals without using veterinary or other drugs?

c) Which system of grazing cattle involves tying of the animal on a peg using a rope?

Study the diagram of the poisonous snake below and answer question 48.



a) Name the part of the reptile marked **Y**.

- b) How useful is the above structure to a poisonous snake?
.....
.....
- c) Mention **one** example of a snake with such structures you know.
.....
.....
- d) In what **way is the reproduction** of such a reptile similar to that of a locust?
.....
.....

49.a) Identify **two** uses of a latrine in a home.

i)
.....

b) Suggest **any two** ways of maintaining the cleanliness of a pit latrine.

i)
.....
ii)

50. In the table below, match items in group C to their mode of propagation in group D.

C	D
Rice	stem cutting
Potatoes	Seeds
Sisal	Vines
Sugarcane	Suckers

- a) Rice
b) Potatoes
c) Sisal
d) Sugarcane

51.a) In what way is drug prescription useful to patients?
.....
.....

b) State **two** kinds of information which are included on a drug prescription chit.

i)
ii)

c) Why is it dangerous to go against what has been prescribed by a doctor when using drugs?
.....
.....

52.a) Why is a lizard called vertebrate?
.....
.....

b) What **type of skeleton** do most vertebrates have?
.....
.....

c) In what **way** do vertebrate differ from invertebrates?
.....
.....

d) How does a **bee** protect itself?
.....
.....

53.a) What is **Family planning**?

.....
.....

b) Identify **any two** methods used to control births in family planning.

i)

ii)

c) Give **any one** reason why most families in rural areas do not follow the advice of family planning of having few children.

.....
.....

54.a) Identify **any one** organ of respiration in mammals.

.....
b) Which **respiratory disease** is not caused by a germ?

.....
c) Name **the structure** in the lungs responsible for the exchange of gases.

.....
d) State **any one** way of keeping the lungs in a good working condition.

.....
.....

The diagram below shows a baboon. Use it to answer question 55.



55.a) Identify **the group of mammals** where the baboon belongs.

.....
b) Why is **the baboon** called an omnivore?

.....
.....

c) Suggest **atleast one** reason why the baboon is a mammal.

.....
d) Apart from a baboon, give **any other mammal** in the same group.

.....
e). Define laundry?

.....
Give three methods involved in washing clothes

(i) (ii)

(iii)

Your attitude , not your aptitude, will determine your altitude.