

# RICO EDUCATION CONSULTANTS

END OF TERM I EXAMINATION 2024

P.5 INTEGRATED SCIENCE

*Time Allowed: 2 hours 15 Minutes*

Pupil's Name: \_\_\_\_\_

School Name: \_\_\_\_\_

Read the following instructions carefully:

1. This paper has two sections: **A and B**
2. Section A has 40 questions (**40 marks**)
3. Section B has 15 questions (**60 marks**)
4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
5. All working must be done using a **blue or black ball** pointpen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. Unnecessary changes in your work and handwriting that ~~can~~ be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated

**"For examiners' use only" and the boxes inside the question paper**

*Turn Over*

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	RMKS
1 - 11		
12 - 22		
23 - 32		
33 - 40		
41 - 43		
44 - 45		
46 - 48		
49 - 52		
53 - 55		
TOTAL		

FOR ORDERS: CALL 0705 966 540/0780 935 038

**SECTION A (40Mrks)**

1. Give one reason why people iron clothes.

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2. Name the worm that feeds on blood in the human body.

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3. Why does a bed bud produce bad smell when touched?

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4. Give any one disadvantage of mulching.

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5. Give a reason why cooking oil floats on water.

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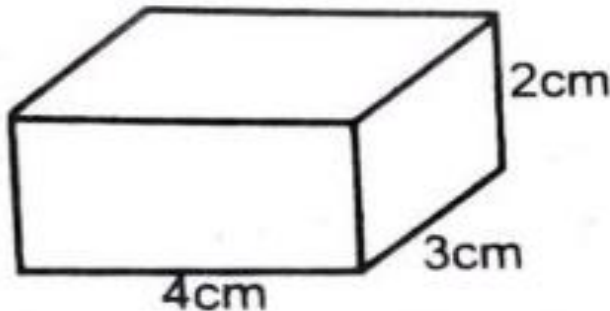
6. Apart from cooking oil, mention any other liquid that floats on water.

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7. State the importance of rat guards on granaries.

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8. Find the volume of the box below.



9. Mention any one characteristic common to all insects.

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10. Name the organ of the body affected by Hepatitis B.

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11. State any one way in which communicable diseases are spread among people.

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12. Name the weather instrument used for measuring air pressure.

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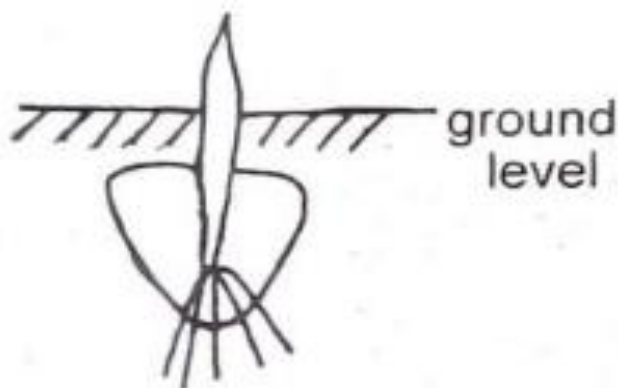
13. Write one health habit done by people before handling cooked food.

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14. Mention any one example of vaccine you know.

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15. Identify the of germination shown below.



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16. Which part of a bean seed supplies food to the embryo during germination?

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17. State the units for measuring weight.

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18. Give any one way of caring for domestic animals.

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19. What type of soil is used for making ceramics?

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20. Name one plant process involved in rain formation.

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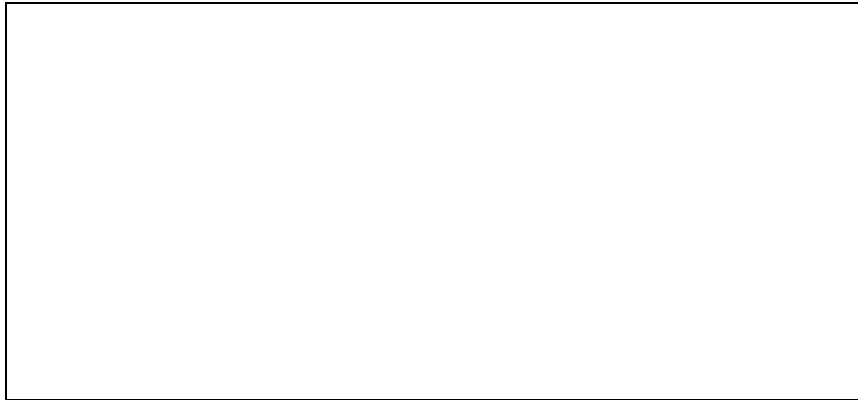
21. Mention any one method of preserving fish locally.

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22. How do we call a young one of a hen?

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23. In the space below, draw a diagram to show that air has weight.



24. Apart from slashing, how else can people promote sanitation at home?

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25. Mention the male bees in a hive.

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26. State one product got from poultry used by crop farmers to improve fertility of their soil.

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27. What happens to a wheel barrow when left outside at night?

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28. Name the item found in a clean home used to put on washed Utensils to dry.

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29. Give any one condition that may force bees to swarm.

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30. What injury of the skin is caused by dry heat?

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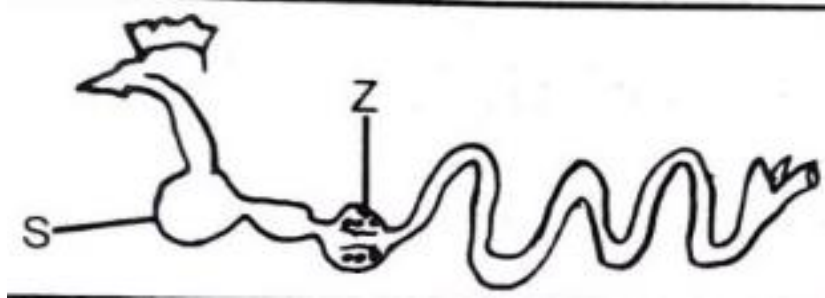
31. State any one disorder of the digestive system.

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32. Give any one danger of keeping finger nails long.

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Below is part of the digestive system of a bird. Use it to answer questions 33 and 34



33. Name part S

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34. State the function of the small stones (grit) found in Z.

---

35. Mention one form of energy that enables us to see objects.

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36. Name the female part of a flower.

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37. State the reason for keeping records on a rabbit farm.

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38. What is immunity?

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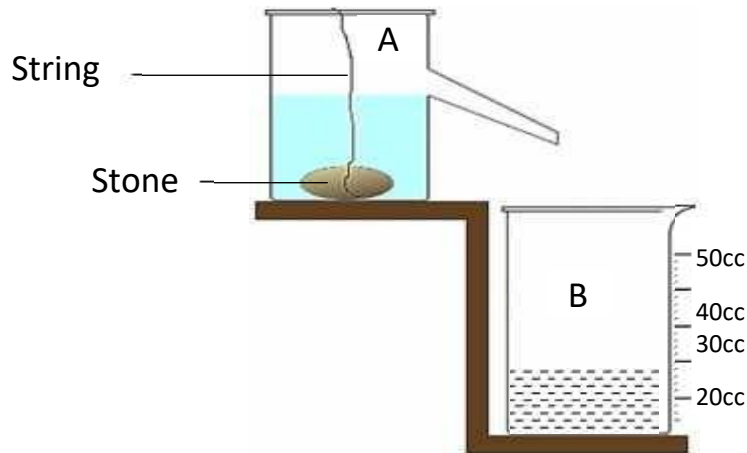
39. How best can poultry farmers improve upon their local breeds of chicken?

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40. An object has a mass of 54g and volume of 6cc. calculate its density.

SECTION B(60Mrks)

41. The experiment below was carried out by a P.5 class. Use it to answer questions that follow:



- (a) Name the containers labelled A and B above.

A \_\_\_\_\_

B \_\_\_\_\_

- (b) Name the method used to find the volume of the stone above.

\_\_\_\_\_

- (c) What is the volume of the above stone?

\_\_\_\_\_

- 42.(a) Mention one other kind of poultry apart from ducks.

\_\_\_\_\_

- (b) Give two reasons why farmers rear poultry.

i. \_\_\_\_\_

ii. \_\_\_\_\_

- (c) Mention one disease that affects both poultry and rabbits.

\_\_\_\_\_

43. (a) Why are honey bees grouped under social insects?

\_\_\_\_\_

(b) Besides honey bees, give any one other example of social insects.

\_\_\_\_\_

(c) How do worker bees protect themselves from enemies?

\_\_\_\_\_

(d) Why do worker bees visit flowers?

\_\_\_\_\_

44.(a) State one way children can acquire natural immunity.

\_\_\_\_\_

(b) Why is it important to immunize children?

\_\_\_\_\_

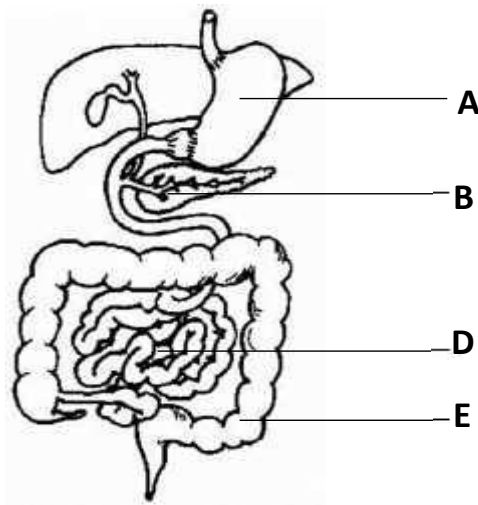
(c) Name the vaccines used to immunize against each of following childhood immunisable diseases.

i. Polio \_\_\_\_\_

ii. Tuberculosis \_\_\_\_\_

**The diagram below shows part of the human digestive system.**

**Use it to answer the questions that follow.**



45.(a) Name parts A and B.

A \_\_\_\_\_

B \_\_\_\_\_

(b) State the major process that takes place in part E.

\_\_\_\_\_

(C) Mention any one disease of the above system.

\_\_\_\_\_

46.(a) Which term is used to describe a condition in which a person does not have enough water in the body?

\_\_\_\_\_

(b) Mention two signs of the above condition in children.

i. \_\_\_\_\_

ii. \_\_\_\_\_

(c)What first aid can you give to your friend who is suffering from the above condition?

\_\_\_\_\_

47.(a) Name any two systems of keeping poultry.

i. \_\_\_\_\_

ii. \_\_\_\_\_

(b)State the reason why debeaking is carried out in a poultry keeping.

\_\_\_\_\_

(c)How is a spur useful to a cook?

\_\_\_\_\_

48. (a)Identify any two exotic breeds of rabbits kept in Uganda.

i. \_\_\_\_\_

ii. \_\_\_\_\_

(b)Write the importance of keeping rabbits to a farmer.

\_\_\_\_\_

(C)What is the house of rabbits called?

\_\_\_\_\_



49. (a)What is swarming in bees?

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(b)Give two reasons why bees swarm.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_

(c)What is the main duty of a Queen bee in a bee hive?

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50.(a)Give any two examples of objects that can float on water.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_

(b)State the standard unit for measuring;

- i. Mass \_\_\_\_\_
- ii. Length \_\_\_\_\_

51. (a)Give two conditions needed by seeds to germinate.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_

(b)Name any one part that makes up the embryo of a seed.

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(c)What role is played by water during germination?

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52.(a)Identify any two elements of weather.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_

(b)State one reason why people put on sweaters during cold weather.

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(c)What is the importance of a rain gauge at a weather station.

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53. Match parts of the digestive system with the digestive juice they produce.

A

mouth

stomach

liver

pancreas

(a) Mouth

(b) Stomach

(c) Liver

(d) Pancreas

B

Pancreatic juice

Bile

Gastric juice

saliva

54. Complete the table below by filling in the missing parts correctly.

Disease	Vaccine administered
(a) Polio	_____
(b) _____	BCG vaccine
(c) Measles	_____
(d) _____	DPT vaccine

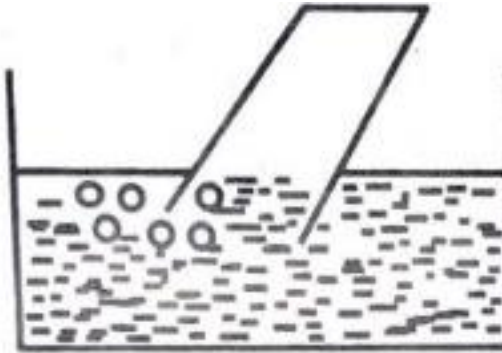
55.(a)What is air?

\_\_\_\_\_  
\_\_\_\_\_

(b) Give two uses of wind to man.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_

The diagram below shows an experiment about air. **What property of air is shown below?**



\_\_\_\_\_