



**(FORMERLY GLOBE) EDUCATIONAL
CONSULTANCY (GEC)—KAMPALA**

**P.7 GALLANT SET (TERM II) EXAMINATION 2024
INTEGRATED SCIENCE**

Time Allowed: 2 hours 15 minutes

Index No.:

Random Number								EMIS No.		

Candidate's Name:

Candidate's Signature:

Candidate's School:

District Name:

Read the following instructions carefully:

1. This paper is comprised of two sections: **A** and **B**. Section **A** has **40** questions (**40 marks**) and Section **B** has **15** questions (**60 marks**).
2. Answer **all** questions. **All** answers to **both** sections **A** and **B** must be written in the spaces provided.
3. All answers **must** be written in a **blue** or **black** ball point pen or **ink**. Any work written in pencil will **not** be marked.
4. Unnecessary changes of work and handwriting that cannot easily be read may lead to loss of marks.

Do not write anything in the table indicated:
"FOR EXAMINERS' USE ONLY" and boxes
inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn No.	MARKS	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

TEL.: +256 705 917 059/+256 752 348 955/+256 774 594 329

EMAIL: agreatteacheras@gmail.com

Transforming Nursery & Primary Schools into Super-quality Institutions

SECTION A (40 MARKS)

1. Identify any **one** anti-social behavior common in schools.

2. How are houseflies able to spread diseases?

3. State any **one** way in which beans are different from ferns in terms of reproduction.

4. State **one** danger of pampering children.

5. Name any **one** common viral disease of cassava.

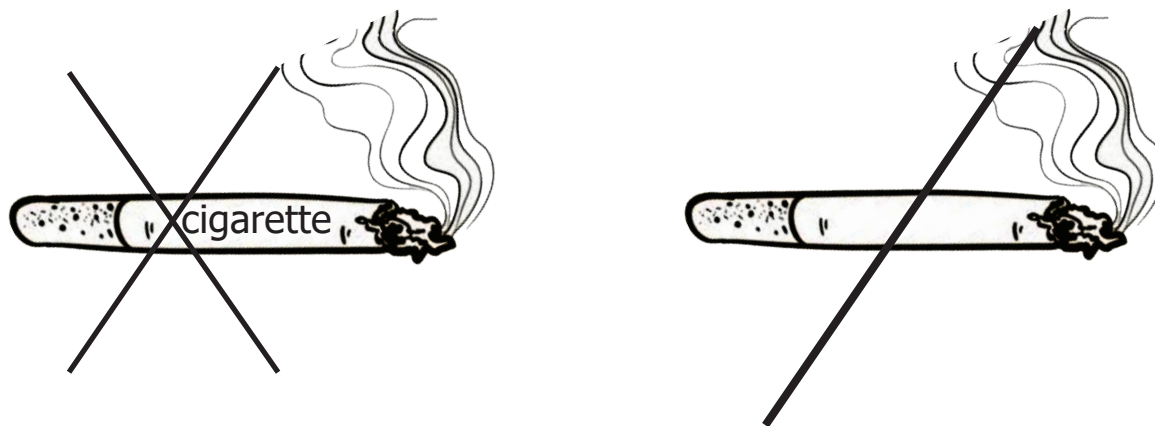
6. Why is a wheelbarrow grouped under simple machines?

7. Mention any **one** way the skin regulates temperature during hot days.

8. Write down any **one** metallic non-magnetic material.

9. How is a shadow formed?

Use the diagram below to answer the questions that follow.



10. What does the symbol above show about smoking cigarette?

11. State **one** way in which the above symbol is helpful to people in public.

12. How do bacteria reproduce?

13. Why do some objects float on water?

14. Name any **one** childhood immunisable killer disease.

15. Write down any one way of improving the quality of exotic rabbits.

16. State **one** role of a P.7 pupil in promotion of PHC at school.

17. How can a crop farmer make use of old litter from the neighbour's poultry house?

18. Name the sense organ for tasting.

19. State any **one** way of preventing the spread of diarrhoea disease at home.

The diagram below is of the human tooth, use it to answer questions 20 and 21.



20. State the function of the type of tooth drawn below.

21. Mention any **one** way of caring for teeth.

26. Mention **one** example of a sea mammal.

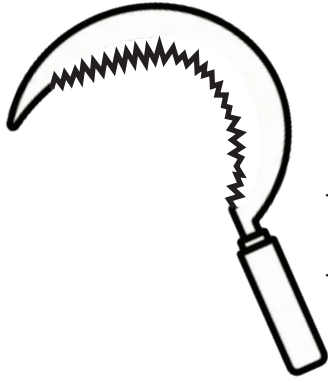
27. How are humming birds useful to a crop farmer?

29. State **one** chemical change common in both plants and animals

30 Why are plants unable to manufacture starch at night?

32. State **one** example of food taboo in your locality

33. Give the function of the garden tool drawn below.



34. State any **one** way in which soil is formed.

35. Name the best food for babies.

36. Why is a Stevenson screen painted white?

37. State **one** adoption of plant leaves to carry out photosynthesis.

38. How does heat affect ice?

39. Give **one** way spiny ant eaters are similar to bats in terms of reproduction.

40. Mention the structures on the thorax of an insect that help it balance during flight.

SECTION B

41. a) Give any **one** way of keeping our bodies clean.

b) State **two** dangers of poor personal hygiene.

i) _____

ii) _____

c) Mention **one** sign of poor personal hygiene.

42. a) Give the meaning of the term "fainting".

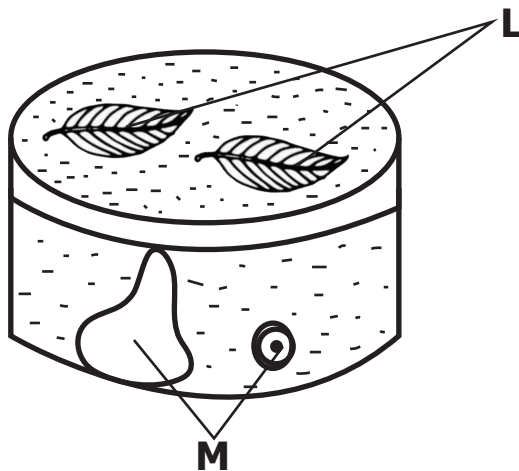
b) Mention **two** causes of fainting.

i) _____

ii) _____

c) Why should the legs of fainted casualty raised slightly above the head level?

43. Use the diagram below to answer the questions that follow.



a) Which of the objects will displace water equal to its volume?

b) What name is given to objects marked **L**?

c) Why do objects marked **M** behave as above when put in water?

d) State any **one** example of objects that behave like **M** when put in water.

44. a) Mention **two** ways of conserving non-renewable resources.

i) _____

ii) _____

b) Give **two** reasons why resources should be conserved.

i) _____

ii) _____

45. Match organisms in A with the diseases they cause in B.

A

Schistosoma

Onchocerca

Plasmodia

Trypanosomes

B

Nagana

Bilharziasis

River blindness

Malaria

Correct order

i) Schistosoma _____

ii) Onchocerca _____

iii) Plasmodia _____

iv) Trypanosomes _____

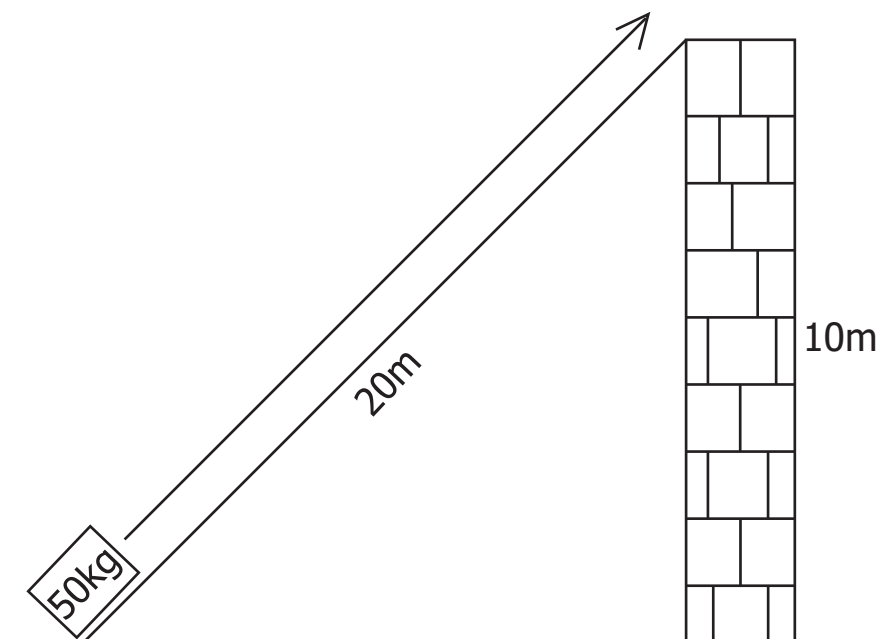
46. a) Why are the cardiac muscles of the left ventricle of the heart thick walled?

b) State the main function of auricles of the heart.

c) Give **one** way of caring for the heart.

d) Write down **one** disease of the heart.

47. The diagram below is of a simple machine. Use it to answer the questions about it.



a) Name the simple machine above.

b) Calculate the work done by the machine. (3 marks)

48. a) Why do poultry farmers put perches in the poultry house?

b) Apart from perches, mention other two components of a deep litter house.

c) State any **one** sign of egg eating.

49. a) Mention **two** artificial permanent methods of family planning.

- i) _____
- ii) _____

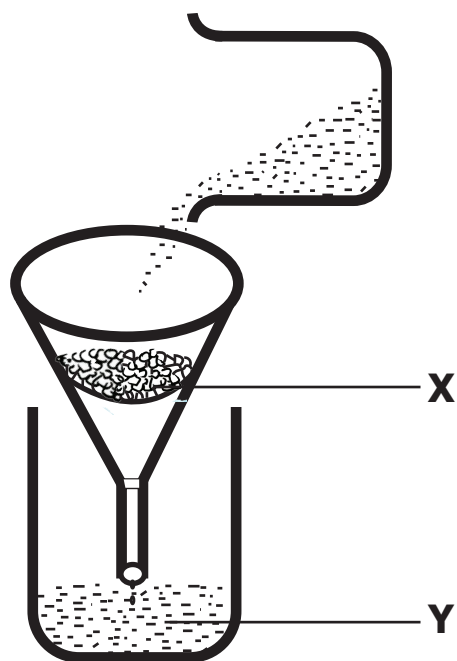
- b) Give **two** reasons why some parents produce many children.
- i) _____
- ii) _____
50. a) Apart from castration, mention other **two** farm practices that harm cattle.
- i) _____
- ii) _____
- b) State **one** method of castrating bulls.
- _____
- c) Why do some cattle farmers castrate their bulls?
- _____
- _____

51. Complete the immunisation table below.

Immunisable disease	Vaccine	Age
Polio	Polio vaccine	i) _____
ii) _____	HPV	Girls above 12 years
Diphtheria	iii) _____	6 weeks, 10 weeks and 14 weeks.
Measles	Measles vaccine	iv) _____

52. a) State **two** reasons why people smoke.
- i) _____
- ii) _____
- b) Give **two** dangers of smoking to a pregnant woman.
- i) _____
- ii) _____
53. a) How does a bolus from the mouth reach the stomach through the gullet?
- _____
- _____
- b) Write down **two** enzymes secreted by the gastric juice.
- i) _____
- ii) _____
- c) State the function of bile juice during the digestion process.
- _____

54. The diagram below shows the method of purifying water. Use it to answer the questions about it.



a) What scientific names are given to:

i) substance **X** _____

ii) substance **Y** _____

b) Why is it not advisable to drink substance **Y**?

c) State **one** way of making Y safe for drinking.

55. a) State **two** forms of electricity obtained from water.

i) _____

ii) _____

b) How is the use of thermal electricity dangerous to the environment?

c) Give any **one** use of electricity at home.

END