

SECTION A: 40 MARKS

1. Name the element of weather that helps farmers to drain moisture from their harvested cereals.

2. Mention any one example of a useful fungus in the environment.

3. Apart from protection, give one other reason why a chameleon changes its colours.

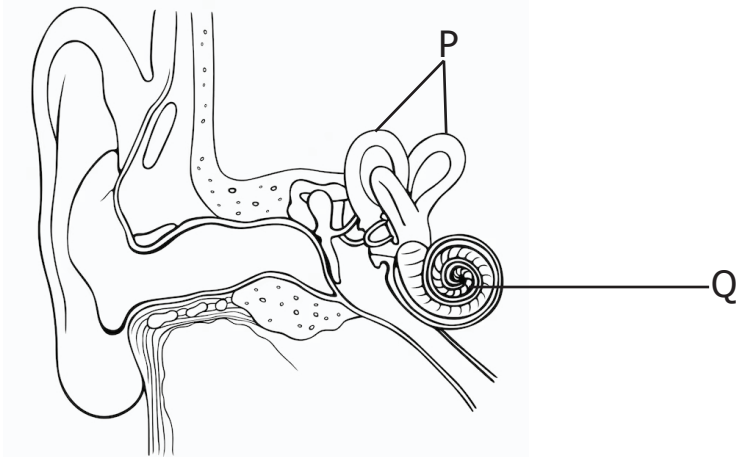
4. Name any one disease of rabbits that affects poultry birds.

5. Give any one disorder of the digestive system of humans.

6. Why is soil grouped under renewable resources?

7. How is blubber useful to the sea mammals?

8. The diagram below shows the human ear. Study and use it to answer questions 8 and 9.



8. Name the part of the human ear marked Q.

9. State the function of the part marked P on the human ear above.

10. Why should the legs of a person who has fainted be lifted slightly higher than the head?

11. Which element of P.H.C is practiced when a P.7 pupil grooms his/her fingernails?

GLOBE EDUCATIONAL CONSULTANCY(GEC)–KAMPALA



P.7 BEGINNING-OF-TERM I EXAMINATION 2023 INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Pupil's Name:

School:

Class: Stream:

District Name:

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

Read the following instructions carefully:

1. This paper is comprised of two sections A and B. Section A has 40 questions (40 marks). Section B has 15 questions (60 marks).
2. Answer ALL questions in both sections A and B.
3. All answers must be written in the spaces provided in Blue or Black ball point pen or ink. Only diagrams should be drawn in pencil.
4. Unnecessary changes of work and handwriting that cannot easily be read may lead to loss of marks.
5. Do not write anything in the boxes indicated: "FOR EXAMINERS' USE ONLY".

FOR EXAMINERS' USE ONLY	
SECTIONS	MARKS
A (Qns 1 - 40)	
B (Qns 41 - 55)	
TOTAL	

Turn Over

GLOBE EDUCATIONAL CONSULTANCY (GEC)–KAMPALA

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

EMAIL: agreatteacheras@gmail.com

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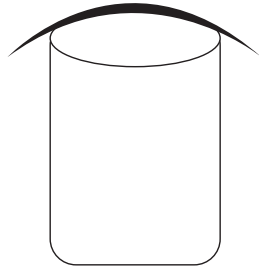
12. How does painting help to prevent a metallic material from rusting?

13. Apart from the toggenburg goats, give any one breed of goats kept for milk production?

14. State any one characteristic of floating objects.

15. Which intestinal worm enters our body through eating under cooked or under roasted pork?_____

The diagram below is of an instrument used by cattle farmers. Use it to answer question



16. In which way is the instrument above useful to a cattle farmer?

17. Why is it important for a husband and wife to be treated together if they have gonorrhoea?_____

18. Mention any one example of a root tuber.

19. Name the part of a clinical thermometer has a similar function as the valves of the mammalian heart. _____

20. State any one way a P.7 pupil can protect him/herself from contacting COVID-19.

21. Why are handles of frying pans usually made of wood and plastics?

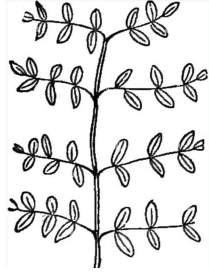
22. Name the part of air used by plants to make proteins.

23. Give any one method of applying fertilisers in the soil.

24. Apart from preventing teenage pregnancy, give one other reason why school girls are advised to abstain from sex.

25. Which crop growing practice involves planting of seeds where the planted ones failed to germinate? _____

The diagram below is of a compound leaf. Use it to answer question 26.



26. Name the type of compound leaf shown in the diagram above.

27. Give any one way in which a child health card is important to parents.

28. State any one condition in which a mother can be vulnerable.

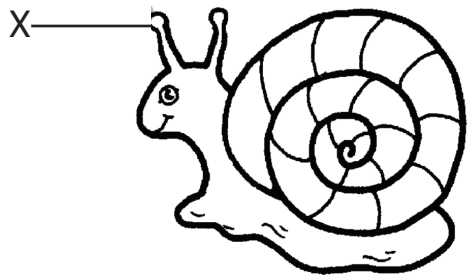
29. Mention any one item used for cleaning hands after visiting the latrine or toilet.

30. Apart from taking a wrong dose, give one other way drugs are misused.

31. Give any one class of food that provides the body with energy.

32. Why is sugar used during the making of O.R.S?

The diagram below is of a common vector. Use it to answer questions 33 and 34.



33. Name part marked X. _____

34. Which disease is spread to humans by the vector in the diagram?

35. In which one way are air sacs (alveoli) able to carry out gaseous exchange?

36. By what process does heat travel through a saucepan placed on a charcoal stove?

37. Give any one physical process involved in the formation of rain.

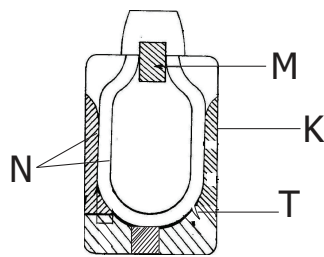
38. What do we call the device used by blind people to dodge obstacles on their way?

39. Why is the trachea made of rings of cartilage?

40. State one reason why a jack fruit sends off a smell when it is ready.

SECTION B (60 MARKS)

41. The diagram below is of a domestic item. Study and use it to answer the questions that follow.



a) Name part marked T. _____

b) Give any one material used to make part K. _____

c) Why is part M important on the above domestic item?

d) State the use of the domestic item in the diagram.

42. a) Give one reason why arteries are thick walled.

b) Apart from urea, mention one other material transported by capillaries.

c) State any two ways of increasing the volume of blood in circulation.
i) _____

ii) _____

43. a) State the role of a drone bee in a hive.

b) Name any two substances worker bees collect from the environment.
i) _____

ii) _____

c) How does a farmer benefit from practising apiculture?

44. a) Apart from paddock grazing, give any other method of rotational grazing in cattle.

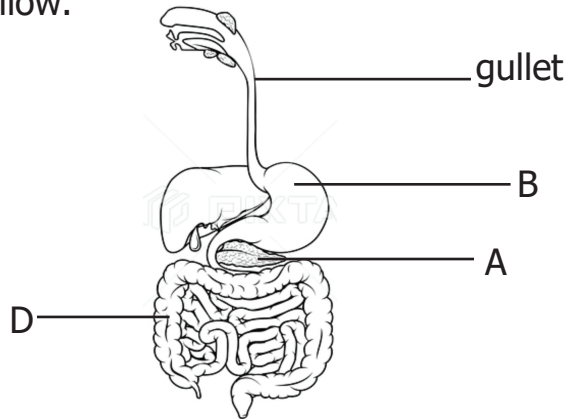
b) State any two advantages of paddock grazing in cattle

i) _____

ii) _____

c) Give any one viral disease in cattle.

45. The diagram below shows part of the human digestive system. Study and use it to answer the questions that follow.



a) Name part marked A _____

b) Which important process takes place in part marked D?

c) State the role of hydrochloric acid found in part marked B

46. a) Apart from canines, mention one other type of teeth.

b) How are canines adapted to their function?

c) Mention any two diseases of the human teeth.

i) _____

ii) _____

47. Study the list of vertebrate animals below and use it to answer questions that follow.

A	B	C
Toad	Rat	Lizard

a) Which list represents amphibians?

b) How is the reproduction animal in list A similar to that in list C?

c) Name the list that represents a warm blooded animal.

d) Give any one group of vertebrates which is not represented in the lists above.

48. a) Give any one reason why a passion fruit plant climbs others.

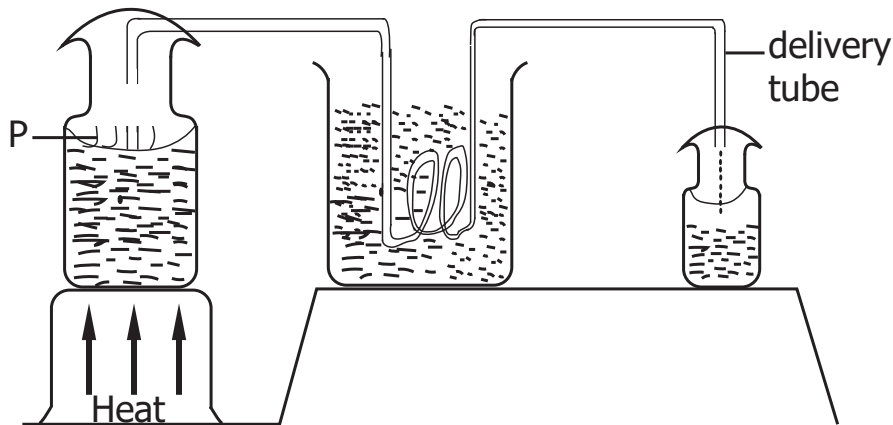
b) Apart from a passion fruits plant, name any one other plant that climbs others.

c) State any two ways how plants with weak stems climb others.

i) _____

ii) _____

49. The diagram below shows a method of making alcohol. Use it to answer the questions that follow.



a) Name the method of making alcohol shown in the diagram.

b) Which process is marked P in the diagram above?

c) Why is the delivery tube used in the above method coiled?

d) Apart from the method in the diagram, give one other method of making alcohol.

50. a) Give any two examples of chemical changes.

i) _____

ii) _____

b) State any two characteristics of chemical changes.

i) _____

ii) _____

51. a) Mention any two items used to promote sanitation at school.

i) _____

ii) _____

b) Give any two ways a P.7 pupil can promote sanitation at school.

i) _____

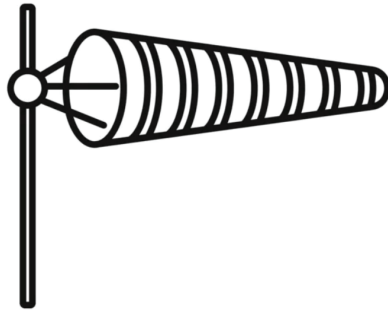
ii) _____

52. a) State any one P.H.C activity children can do to help their mother when cooking.

b) Give any three health care activities that can be provided to the elderly in our homes

- i) _____
- ii) _____
- iii) _____

53. The diagram below is of a weather instrument. Study and use it to answer questions that follow.



a) Name the instrument shown in the diagram above.

b) How is the above instrument useful at a weather station?

c) Apart from the instrument above, give any two other weather instruments.

- i) _____
- ii) _____

54. a) Write PIASCY in full.

b) Give any three PIASCY messages expected on the school compound.

- i) _____
- ii) _____
- iii) _____

55. Match the immunisable diseases in list A to the vaccines used in their immunisation in List B.

List A

- a) Tuberculosis
- b) Whooping cough
- c) Cervical cancer
- d) Pneumonia

List B

- Pneumococcal conjugate vaccine
- HPV vaccine
- DPT vaccine
- BCG vaccine

- a) Tuberculosis _____
- b) Whooping cough _____
- c) Cervical cancer _____
- d) Pneumonia _____