



KITGUM MUNICIPAL COUNCIL EXAMINATION COMMITTEE
PRIMARY LEAVING MOCK EXAMINATION, 2022
PRIMARY SEVEN
INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

Random No.						Person No.		

Candidate's Name

Candidate's Signature

District.....

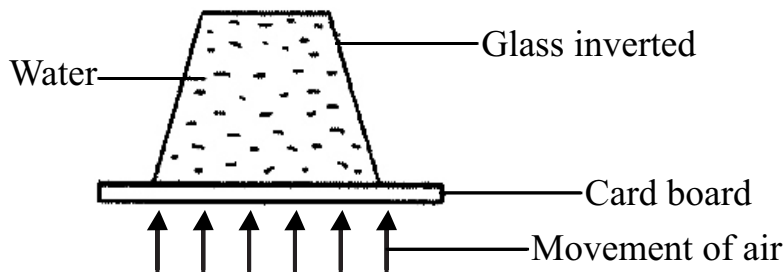
Read the following instructions carefully.

1. This paper has **two Sections: A and B.**
2. Answer **all** questions. All answers to both sections **A and B** must be written in the spaces provided.
3. **All** answers must be done using a blue or black ball-point pen or fountain pen.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill anything in the boxes indicated: **"For Examiners' Use Only"** and those inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	Marks	EXRS' NO.
01 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A (40 MARKS)

1. Name the sense organ which tells that tea is very sweet.
.....
2. What health problem could arise as a result of rupture of the ear drum?
.....
3. Why is forest conservation encouraged in Uganda?
.....
4. How is a plate stand useful to a family in a home?
.....
5. Identify the type of joint in the body which gives a wide range of movement.
.....
6. Give **one** advantage of Bio-gas production to the environment.
.....
7. What does the experiment below show?



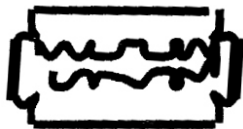
8. How is a short circuit dangerous in a home?
.....
9. State **one** effect of polio disease to an individual.
.....
10. Why is friction said to be a nuisance force?
.....



11. How do animals make use of the gas given out by plants during photosynthesis?

.....

12. Identify the simple machine shown below.



.....

13. State any **one** similarity between a Rat and a Bat besides being mammals.

.....

.....

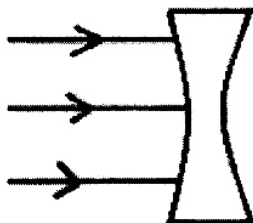
14. Which blood cells are destroyed by a plasmodium germ?

.....

15. How do humans get infected with tape worm?

.....

16. Complete the diagram showing light rays as they leave the lens below.



.....

17. What problem is Jenifer likely to face if she eats food without washing her hands?

.....

18. Why is rubber and plastics used to insulate electric live wires?

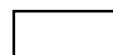
.....

19. Name **one** object which floats on water.

.....

20. Which type of teeth is used for cutting food?

.....



21. Which part of the human ear is responsible for balancing the body?
.....
22. How can the volume of irregular objects be measured?
.....
23. Give **one** danger of cultivating crops in wetlands.
.....
24. Why is sandy soil not good for farming?
.....
25. Identify **one** common secondary sex characteristic common in both boys and girls.
.....
26. How is dustbin useful to a P.4 pupil in class?
.....
27. Give **one** method of making a temporary magnet.
.....
28. Give any **one** way in which wind is useful to people as an energy resource.
.....

Use the diagram below to answer question 29.



29. Find the weight of “**P**” if the lever is balancing.
.....
30. Why is the tying between the heart and injured part a good first aid for a snake bite?
.....



31. Which vector is responsible for spreading sleeping sickness in humans?

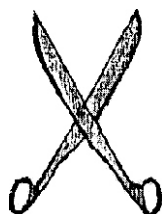
.....

32. A block of mass 24gm has a density of 4gm/cc. Find its volume.

33. Which immunisable disease makes the muscles of a person stiff?

.....

34. On the diagram below, show the position of the pivot with letter P.



.....

35. Mention any **one** importance of saliva in the process of digestion.

.....

36. How is the human skin a useful organ to the body?

.....

37. You are provided with a **hen**, **grass**, **locust** and a **hawk**. Arrange them in correct order to come up with a complete food chain.

.....

38. State **one** use of light from the sun in the environment.

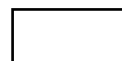
.....

39. Give **one** disadvantage of a free range system of rearing animals.

.....

40. How is a vent pipe on a VIP latrine useful?

.....



SECTION B (60 MARKS)

41.(a) Name any **one** example of poultry.

.....

(b) Why do farmers keep dual purpose birds?

.....

(c) Give **one** disadvantage of battery system of rearing birds.

.....

(d) Identify a poultry disease caused by protozoa.

.....

42.(a) What is Dehydration?

.....

.....

(b) Give **one** sign of dehydration.

.....

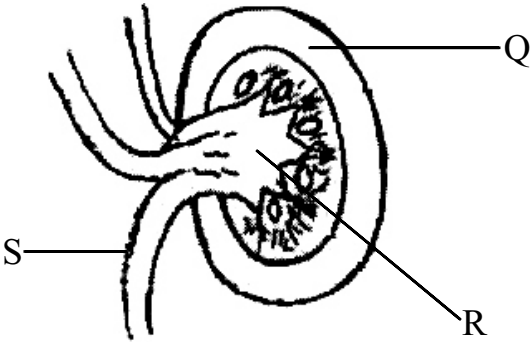
(c) Mention **one** cause of dehydration.

.....

(d) How can dehydration be controlled?

.....

43. The diagram shows a human kidney.



(a) Name the part labeled R.

.....

(b) What activity is done at Q?

.....

(c) To which part of the body does S go?

.....

(d) Give **one** disease which affects the kidneys.

.....

44. The diagram shows a baby who received immunization.

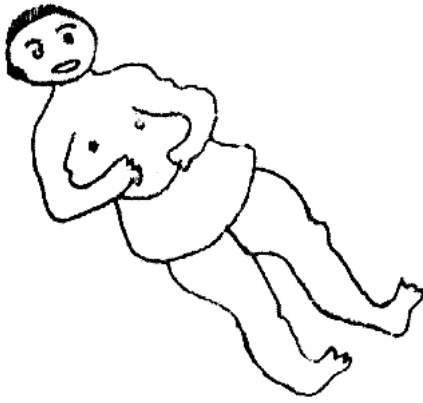
With the help of arrows, show the immunisable sites for;

(i) DPT Vaccine

(ii) Measles Vaccine

(iii) BCG

(iv) Polio Vaccine



45.(a) What are Organic manures?

.....

.....

(b) Name **two** types of organic manures.

- (i)
- (ii)

(c) Mention any **one** disadvantage of using artificial fertilizers.

.....

46.(a) Give any **two** ways in which animals depend on plants.

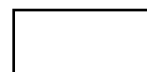
- (i)
- (ii)

(b) Identify **one** way how plants depend on other plants.

.....

(c) Mention **one** way how animals depend on other animals.

.....



47.(a) State **one** difference in germination of Monocotyledonous and Dicotyledonous plants.

.....
.....

(b) Mention **one** condition required for a seed to germinate.

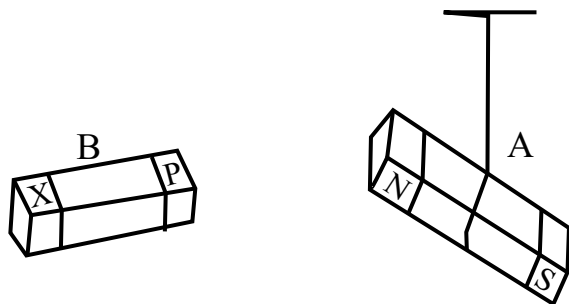
.....

(c) Apart from using chemicals, give **two** ways of controlling pests in a garden.

(i)

(ii)

48. The diagram below shows a freely suspended magnet A and B brought together close to one another. Use it to answer the questions that follow.



(a) Name pole **P** of magnet **B**.

P.....

(b) Why did magnet **A** and **B** remain apart as shown?

.....

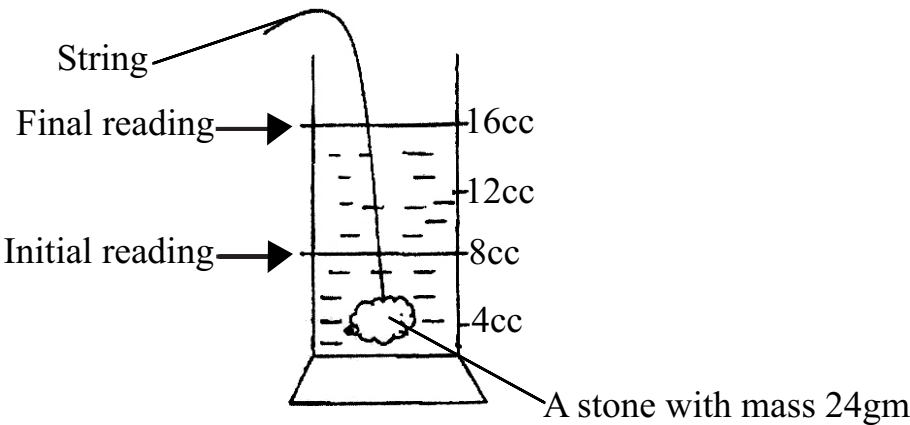
(c) Give **one** way of demagnetizing magnets.

.....

(d) How are magnets useful in the environment?

.....

49. A primary five boy set up an experiment assembly. Use it to answer questions that follow.



- (a) Name the method for experiment set by the P.5 boy.
-
- (b) Calculate the density of the stone. (2 Marks)
-
- (c) Name the container used in the experiment above.
-

50. Match the diseases in list **A** to the animals they attack in list **B** below correctly.

LIST A	LIST B
Newcastle disease	Cattle
African swine fever	Mad dogs
Rabies	Poultry
Rinderpest	Pigs

- (i) Newcastle disease.....
- (ii) African swine fever.....
- (iii) Rabies.....
- (iv) Rinderpest.....

51.(a) How does each of the following animals protect itself from enemies?

(i) Porcupine.

.....

(ii) Wasp.

.....

(b) Name the animal that stays in a;

(i) Sty.

.....

(ii) Den.

.....

52.(a) Use one sentence to state the meaning of each of the following;

(i) Reflection of light.

.....

(ii) Refraction of light.

.....

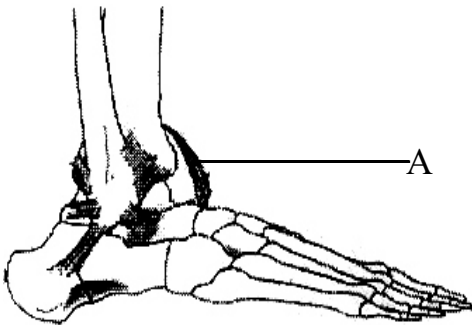
(iii) Spectrum.

.....

(d) What type of reflection is produced from rough shining surface?

.....

53. The diagram below shows an ankle of a person. Use it to answer the following questions.



(a) Name the part labelled A.

.....

- (b) Mike overstretched this part and tore it during an accident. What kind of injury did he get?
.....
- (c) What is the possible sign of the injury he got?
.....
- (d) Identify the first aid you would give to the above kind of injury.
.....

54.(a) State the effects of alcohol on each of the following;

- (i) An individual.
.....
- (ii) A family.
.....
- (iii) A community.
.....
- (b) Mention any **one** life skill that can enable a person to get rid of alcohol.
.....

55. The table below shows different groups of animals. Use it to answer the questions that follow.

A	B	C	D
FROG	SNAIL	RAT	SNAKE

- (a) In which way are animals **A**, **C** and **D** similar?
.....
.....
- (b) How is the reproduction of the animal **D** different from that in **C**?
.....
.....
- (c) To which class of animal does animal **B** belong?
.....
- (d) How does animal **A** protect itself against its enemies?
.....