

**KUMI MUNICIPAL COUNCIL  
EXAMINATION PANEL  
P. 7 MOCK EXAMINATION (2023)  
INTEGRATED SCIENCE AND HEALTH EDUCATION  
TIME ALLOWED: 2 HOURS 15 MINUTES**

Index No:

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SCHOOL: \_\_\_\_\_

NAME: \_\_\_\_\_

**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(40marks)
3. Section **B** has **15** questions (60 marks).
4. Attempt all questions. All answers to both Sections **A** and **B** must be written the spaces provided.
5. All answers must be written in blue or black ball point pen or ink. Only diagrams and graphs work may be done in pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.

**FOR EXAMINER'S  
USE ONLY**

<i>Qn. No</i>	<i>MARK</i>	<i>SIGN</i>
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
<b>TOTAL</b>		

8. Do not fill anything in the boxes indicated for examiner's use only.

**Turn Over.**

### SECTION A

1. Name the main product of photosynthesis.  
\_\_\_\_\_
2. Mention any one disease caused by smoking.  
\_\_\_\_\_
3. Name the element of weather measured by the hygrometer.  
\_\_\_\_\_
4. Why do farmers carry out numbering of their animals?  
\_\_\_\_\_
5. What type of electricity is formed when coal is burnt?  
\_\_\_\_\_
6. Mention any one form of sexual deviation in the community.  
\_\_\_\_\_
7. Which vitamin is highly responsible for proper eye sight in people?  
\_\_\_\_\_
8. Why is a bulb able to provide light to all parts of the room it is put?  
\_\_\_\_\_
9. Which vector is controlled by draining still water in the compound,  
\_\_\_\_\_
10. Apart from making manure, how else can a farmer make use of cow dung and urine?  
\_\_\_\_\_
11. State one way how pulleys are applied at school.  
\_\_\_\_\_
12. How can a cattle farmer improve upon his local breeds of chicken?  
\_\_\_\_\_
13. Name the type of energy possessed by a bird resting on a branch of a tree.  
\_\_\_\_\_
14. Jane's daughter was found to be dehydrated, mention any one possible cause of dehydration.  
\_\_\_\_\_
15. Why are we not advised to use sharp objects when cleaning our ears?  
\_\_\_\_\_
16. How do hook worms enter our bodies?  
\_\_\_\_\_
17. Name any one type of cattle kept in Uganda  
\_\_\_\_\_
18. Give the main reason why the type of cattle name in 17 above is kept.  
\_\_\_\_\_

19. Give one way through which pineapples are propagated.

20. Which blood component plays a big role during respiration in man

The diagram below shows a poultry practice study it carefully and use it to answer questions 21 and 22



21. Name the poultry farming practice show above.

22. How is the above farming practice able to control egg eating?

23. Why are the walls of the theatres and cinema halls covered with soft boards.

24. Which sense helps you to identify the colour of cloth.

25. How do contours control soil erosion in hilly areas?

26. In which way is the use of a magnet similar to that of shadow in a school.

27. Why do plants shed their leaves during dry season?

28. Name one vertebrate which has a shell.

29. Mention one condition necessary for bacteria to multiply.

30. How does the covering of food during cooking helps to preserve wood fuel?

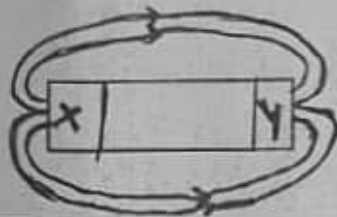
31. In which way is a moss similar to a mushroom in terms of reproduction

32. State one way in which VIP latrine is different from an ordinary pit latrine.

33. Give the element of P.H.C that promotes child spacing in a family.

Use the diagram below to answer questions that follow (questions 34 and 35)

34. Which letter show the south pole in the above diagram.



35. Give one reason to support your answer in question 34 above.?

36. A block of wood of volume  $9\text{cm}^3$  weighs 36 grams. What is its density?

37. Which property of air enables a knapsack sprayer to function?

38. Why is it a bad practice to groom figure nails using teeth?

39. Mention the body organ which is greatly damaged by tobacco smoking.

40. How does sleeping under treated mosquito nets help to protect people from malaria?

#### SECTION B

41. a) State one way of protecting newly planted seedlings from: -

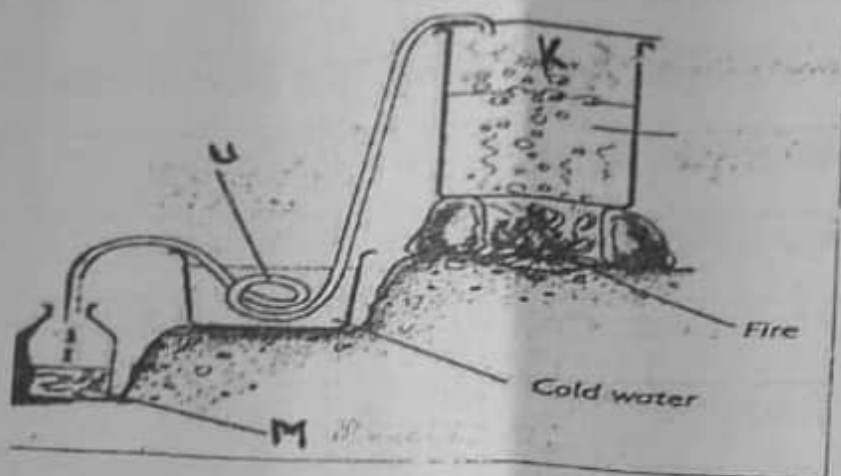
i. Domestic animals.

ii. Bending.

b) Which method of harvesting wood involves cutting of side branches leaving the terminal bud to grow?

c) Why does burning of wood into charcoal involves covering the wood with soil and grass.

The diagram below shows the method used to make water safe and clean. Use it to answer questions that follow.



42. a) Name the process taking place in: -

i. K

ii. U

b) How is the cold water important in the above process.

c) What scientific name is given to the substance M.

43. A panga was left out overnight and by morning it was rusty.

a) Give two conditions in the atmosphere which enabled the panga to rust.

i.

ii.

b) What type of change occurred when the panga rusted?

c) How does paint protect the panga from rusting?

44. a) Give the meaning of renewable resources.

b) Mention any one example of nonrenewable resources in the environment.

c) Name the type of energy produced from uranium.

d) Why is soil regarded as a renewable resource?

45. Study the table of animals below and answer questions that follow

A	B	C	D
Toad	Snail	crocodile	monkey

- a) In which way are animals A, C and D similar.
  - b) How is reproduction of animals in D different from other animals
  - c) To which group of vertebrates does the animal in C belong.
  - d) How is the animal in B different from the rest of the animals
46. a) A boy was burnt by hot water, which injury did he sustain?
- b) State the main cause of fainting.
- c) Write any one first Aid for nose bleeding.
- d) Give the danger of making a child poisoned by paraffin to vomit it
47. a) State any two ways in which pests affect crop production
- i. \_\_\_\_\_
  - ii. \_\_\_\_\_
- b) Give any two ways of preventing pests from damaging stored crops.
- i. \_\_\_\_\_
  - ii. \_\_\_\_\_
48. a) Give the immunization site for the following vaccines: -
- i. DPT \_\_\_\_\_
  - ii. BCG \_\_\_\_\_
- b) At what age is measles vaccine immunized to children?
- c) Name one vaccine which is administered to babies at birth.
49. a) Give the meaning of a health parade.
- b) State one importance of a health parade in a school.

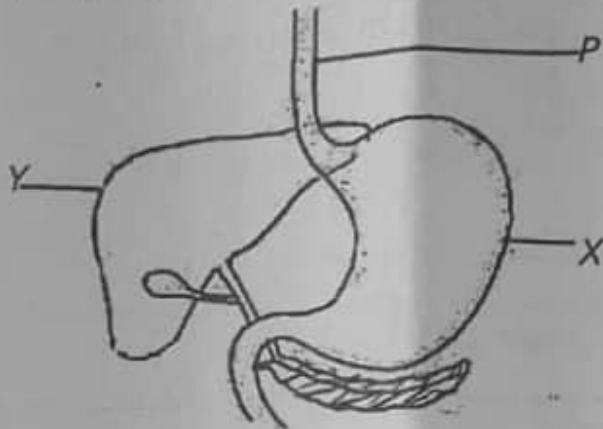


c) Write any two activities carried out on a school health parade.

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

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

50. The diagram below shows part of a human digestive system, study it carefully and answer questions that follow.



a) Name part marked P and X.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Identify any one enzyme that is found in part X

c) Mention any one organ of the digestive system which part of the alimentary canal is not.

51a) Name the structure used by bacteria to move.

b) Identify one place where bacteria is found.

c) State any one use of bacteria to man.

d) Give anyone danger of bacteria to man.

52a) What is the use of a rain gauge?

b) Mention the rain bearing clouds.

c) Mention two diseases that come as a result of too much rain in an area.

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

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

53a) How is transpiration important in nature?

b) Mention one danger of transpiration in plants.

c) Write any one factor that affect the rate of transpiration.

d) Why does a farmer cut all leaves from a banana sucker before planting.

54 a) Give any two secondary sex characteristics common among adolescent boys and girls.

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

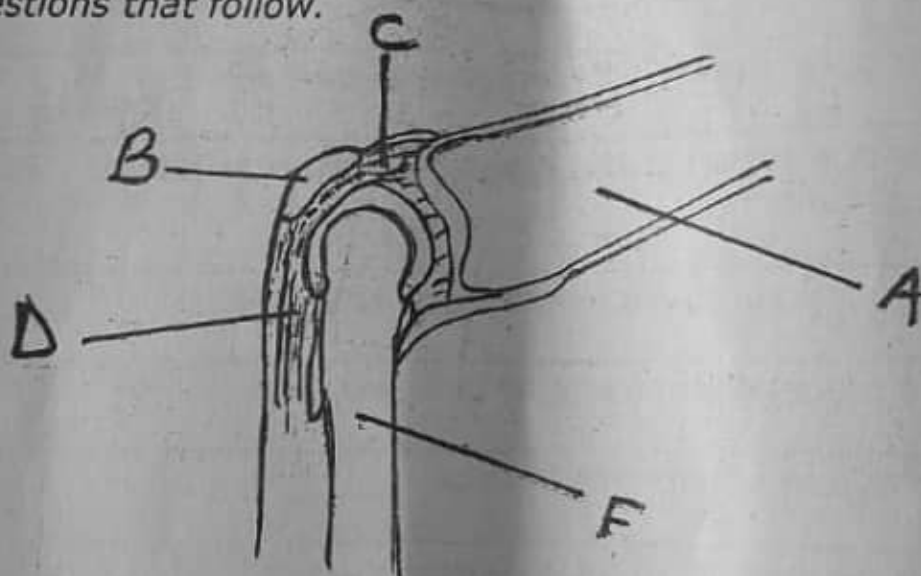
ii. \_\_\_\_\_

b) State two problems faced by adolescents

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

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

55. The diagram below shows features of a movable joint; use it to answer questions that follow.



Name the bones marked with letters A and F.

A \_\_\_\_\_

F \_\_\_\_\_

b) State the function of part marked with letter C.

c) Which type of movable joint is shown in the diagram above?

=====END=====

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