

KINONI II PRIMARY SCHOOL

JOINT PRE - MOCK 2023

P. 7 INTEGRATED SCIENCE

Time Allowed : 2 hours 15 minutes

Index No.

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NAME:

STREAM:

SCHOOL:

Read the following Instructions carefully.

1. This paper is made up of two sections: A and B
2. Section A has 40 short answer questions (**40 marks**)
3. Section B has 15 questions (**60 marks**)
4. Attempt All questions. All working and answers for both sections A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball point pen or ink only.
Only Diagrams should be drawn in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for "official use only".

FOR OFFICIAL USE ONLY		
SECTION	MARKS	T / L MARKS
A		
B		
TOTAL		
TEACHER'S COMMENT		

SECTION A

1. Name one breed of rabbits kept for fur.

2. How is pinna important to a P.7 candidate?

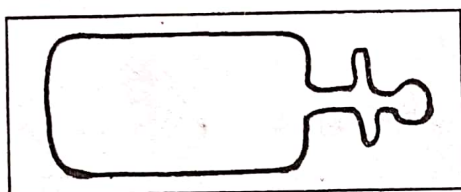
3. Why do farmers prefer keeping local breeds to exotic breeds of animals?

4. In which way is breast feeding important to mothers?

5. Which property of air helps people to drink soda using a straw?

6. What is the importance of cilia found in the nose?

7. Identify the type of cattle with a shape shown below.



8. Give one example of renewable resources.

9. Which element of PHC that helps people to control population growth.

10. Name the immunisable disease prevented at birth.

11. Give one example of voluntary muscle in the body.

12. How are alveoli adapted to carry out gaseous exchange?

13. Why do crop farmers mulch their gardens?

14. Which vector spreads river blindness to rivers?

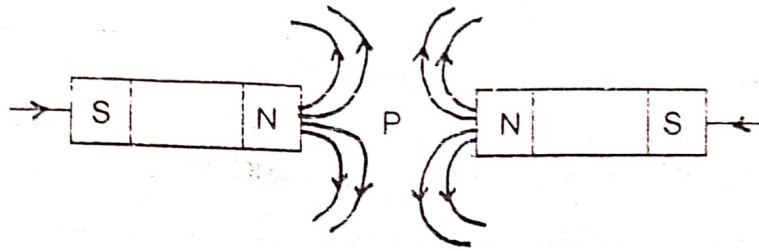
15. Mention one device used to store sound.

16. Write one disease that attacks poultry.

17. How can a P.7 candidate maintain proper working of muscular skeletal system?

18. Name the region marked **P** in the diagram below.

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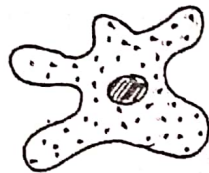


19. Give a reason why animals are called energy resources.

20. State one example of crop that store food in roots.

21. Where does fertilisation take place in human beings?

22. Which component of blood is shown below;



23. How is a measuring cylinder important in measurements?

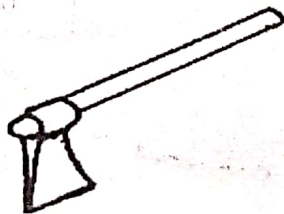
24. Mention one example of STDs that leads to blindness to newly born babies.

25. Which type of soil has low drainage capacity?

26. Identify one example of a mammal with well developed brain.

27. Give any one example of long bone in our body.

28. Under which group of machines does a tool below belong.



29. Name any one example of a perennial crop in your community.

30. Identify the type of electricity got from the power of flowing water.

31. Why do some objects sink in water?

32. Give one way of reducing friction in machines.

33. Which type of immunity is got from recovering from sickness.

34. Identify the structure in veins that help to prevent backflow of blood.

35. Name the garden tool commonly used to harvest cereals eg. rice.

36. Give one way how people use machines in the daily life.

37. State one effect of pests and diseases on crops.

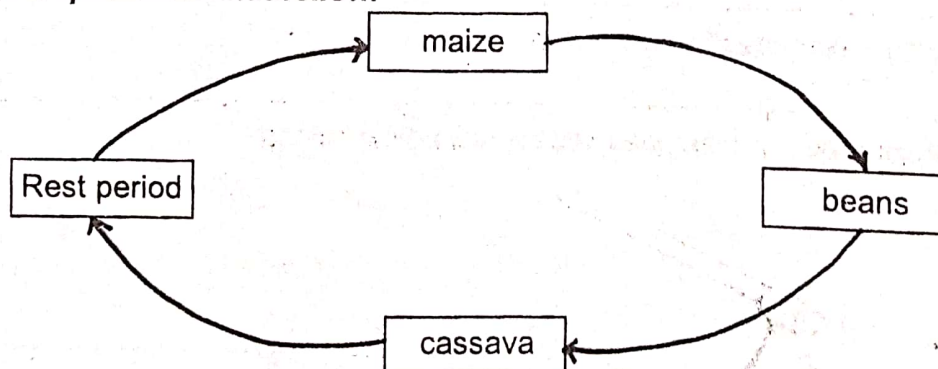
38. Write one component of a home that helps in proper disposal of human wastes.

39. How is proper ventilation important on a hutch?

40. Calculate the density of an object whose mass is 120g and volume 40cc.

SECTION B

41. *The diagram below shows a certain crop growing practice. Study and use it to answer questions that follow.*



(a) Name the crop growing practice shown above.

(b) Suggest one advantage of above practice in crop growing.

(c) Apart from above, give one way how farmers can improve soil fertility.

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(d) Why is rest period included in the cycle shown above?

42(a) Mention any one device that changes;

(i) mechanical energy to electric energy.

(ii) electric energy to heat energy.

(b) How is electricity important in our daily life?

(c) State one item that uses electricity at home.

43(a) In which way is feeding on a balanced diet important to our bodies?

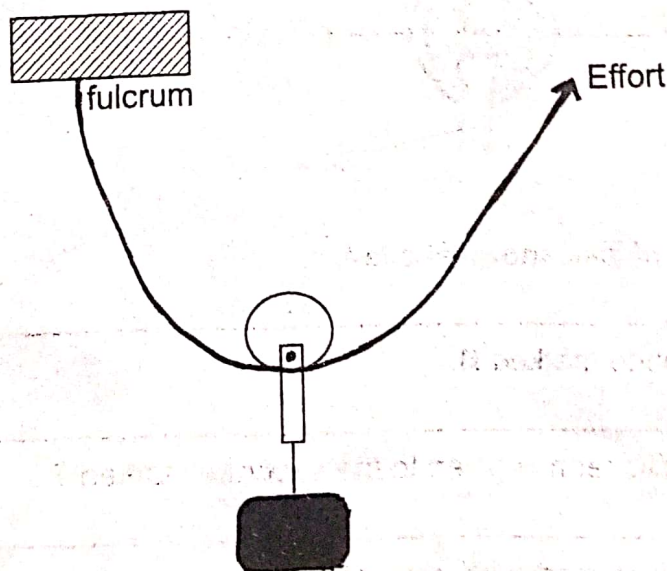
(b) Mention any two examples of deficiency diseases common in babies.

(i)

(ii)

(c) Identify the food value that is not digested but directly absorbed into the blood stream.

44. **The illustration below shows a certain type of pulley. Study and use it to answer questions.**



(a) Which type of pulley is shown above?

(b) Give one advantage of using the above type of pulley.

(c) Identify one activity done by people that involves the use of a pulley.

(d) Use letter "L" to indicate the position of load.

45(a) What term is given to the special food for a queen bee?

(b) State the main duty of a queen bee in the hive.

(c) Apart from queen bee, identify one other female bee in the hive.

(d) Give one duty of the bee mentioned in part C above.

46(a) Mention two types of breeds of cattle kept in Uganda.

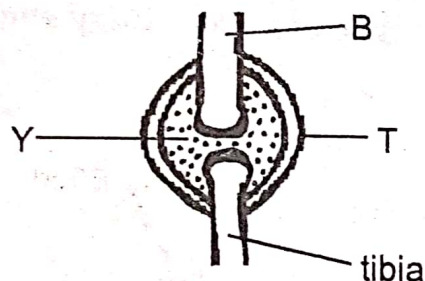
(i) _____

(ii) _____

(b) Which type of cattle is kept for labour?

(c) State one product got from cattle.

47. The diagram below indicates one type of joint in the body.



(a) Which type of joint shown above?

(b) Name the bone marked B.

(c) What scientific term is given to the structure marked T.

(d) How is the fluid marked Y important in movement?

48(a) Write PHC in full.

- (b) Which element of PHC is promoted through;
(i) helping a person who has got accident?

(ii) taking a child for immunisation?

(c) How can an individual promote PHC?

49(a) Why is a Stevenson screen painted white?

(b) Mention one weather instrument kept in a Stevenson screen.

(c) State any two elements of weather.

(i) _____

(ii) _____

50(a) Give one reason why people keep poultry.

(b) Which system of keeping poultry is used for commercial purposes?

(c) How are the following important in a poultry house;

(i) litter? _____

(ii) Drinking trough? _____

51(a) Which component of air is used in the following process;

(i) Photosynthesis: _____

(ii) Germination: _____

(b) How is carbon dioxide important to people.

(c) Give one example of rare gases.

52(a) Give one similarity between Mammals and birds.

(b) How does a chameleon protect itself?

(c) Mention two weapons animals use to defend themselves against their enemies.

(i) _____

(ii) _____

53(a) Identify the plant process that helps in rain formation.

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(b) How is the above process important to plants?

(c) State one factor that affects the above process.

(d) Give one way how plants can reduce on the above process.

54(a) In which state of matter is a stone?

(b) Apart from above, give other two states of matter.

(i)

(ii)

(c) Mention one object that exists in all three states of matter.

55(a) What is soil erosion?

(b) State any two agents of soil erosion.

(i)

(ii)

(c) Give one way of controlling soil erosion in hilly areas.