

BUTALEJA DISTRICT ACADEMIC BOARD.
PRIMARY LEAVING MOCK EXAMINATION 2023
SCIENCE

TIME ALLOWED 2 HOURS AND 15 MINUTES

NAME: _____

SIGNATURE: _____

INDEX NUMBER

--	--	--	--	--	--	--	--	--	--

RANDOM NUMBER

--	--	--	--	--	--

Read the following instructions

FOR EXAMINERS USE ONLY

Carefully:-

Instructions

1. The paper has two sections A and B
2. Section A has 40 questions (40mrks)
3. Section B has 15 questions (60 mrks)
4. All answers must be written using blue or black
5. Unnecessary crosses or changes may lead to loss of marks
6. Any handwriting that cannot be easily read may lead to loss of marks
7. Do not fill anything in the boxes indicated for examiners use.

Qn.No	Mrks	Exr's No
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
Total		

SECTION A

1. Name the immunisable water born disease that affects the skeletal system.

2. Mention the dangerous substance found in tobacco that causes addiction.

3. How is yeast different from most fungi in terms of reproduction?

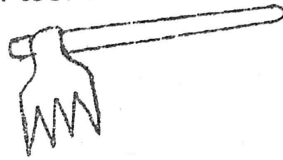
4. Give a reason why sound does not travel in a vacuum.

5. Name any one group of vulnerable people

6. Why is a hand hoe regarded as a simple machine?

7. How does Quarantine prevent the spread of cattle diseases?

The diagram below shows a garden tool use it to answer the question 8 and 9.



8. Name the garden tool shown above.

9. Give the importance of the above tool to a crop farmer.

10. What type of change takes place when an egg breaks?

11. Write the element of PHC that enables parents to space children?

12. Why doesn't distilled water conduct electricity?

13. Apart from carbon dioxide, name one other waste product excreted by the lungs.

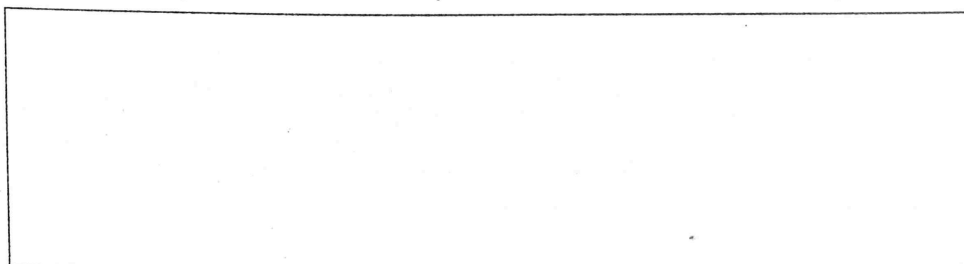
14. Give the importance of pollen baskets found on the legs of worker bees.

The diagram below shows a bird's foot .Use it to answer questions 15 and 16.



15. Name the group of birds which have such a foot.

16. Give the importance of the above foot to the group of birds you have mentioned in question 15.
17. Why is the moon regarded as a non-luminous object?
18. How can a cattle farmer improve on the quality of local breeds?
19. Write the main reason why first aid is given to casualties.
20. Name the type of soil which has the highest rate of capillarity.
21. In the space provided below, draw a leaf which has parallel venation



22. How is a canine tooth adapted to its function?
23. Give any one way animals are used as energy resources
24. Name the vector that spreads typhus fever to people.
25. Give the meaning of the term "adolescence"
26. How does deforestation lead to soil erosion?

Study the diagram below and use it to answer question 27 and 28.

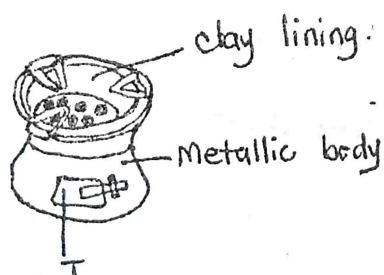


27. Name the method of seed dispersal shown in the above diagram.
28. Write any one example of seeds dispersed by the method shown in the above diagram.

29. Why does a stone sink in water?
30. Give any one way of preventing friction in moving parts of a bicycle.
31. By what process does heat travel through gases?
32. Name the deficiency disease that has similar sign like diphtheria.
33. Give the importance of gills found in mushrooms.
34. Write any one method of planting crops.
35. State the danger of eating under cooked meat.
36. Which body sense can help a P.7 pupil to tell that a cook has prepared a good meal when he/she is still in class?
37. Write any one importance of doing regular physical body exercises.
38. Name the natural spectrum.
39. Give the importance of a dustbin in your class.
40. Name any one dairy breed of goats.

SECTION B.

41. Study the diagram below and use it to answer questions that follow.



- (a) Name the energy resource that helps the above item to work.
- (b) Give the advantage of the clay lining put inside the metallic body.
- (c) Why should part T be open when using the item?
- (d) Give a reason why the above item is said to be environmentally friendly.

42. (a) State two secondary sex characteristics common in both adolescent boys and girls.

(i) _____ (ii) _____

(b) Write any two dangers of teenage pregnancy to adolescent girls.

(i) _____

(ii) _____

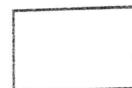
43. Study the table below and complete it correctly

Disease	Vaccine	Site of immunization
(i) _____	BCG vaccine	Right upper arm
Measles	(ii) _____	Left upper arm
(iii) _____	Polio vaccine	(iv) _____

44. (a) Apart from rusting, name any two other examples of chemical in the environment.

(i) _____

(ii) _____

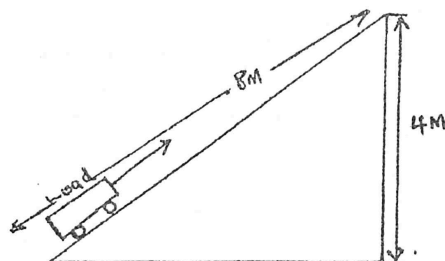


(b) Write any two characteristics of biological changes.

(i) _____

(ii) _____

45. The diagram below shows a simple machine. Use it to answer questions that follow.



a. Name the group of simple machines shown above.

b. Work out the mechanical advantage of the above machine (2mrks)

- c. Give any one example of a machine that belongs to the above group of simple machines.

46. (a) State any two structural differences between arteries and veins.

(i) _____

(ii) _____

(b) Why does blood go to the lungs before it is pumped to all body parts?

(c) Name any one disease that attack the red blood cells.

47. Match the following diseases with their causative agents correctly

Disease

causative agent

Trachoma

Plasmodia

Typhoid

SarcoptesScabiei

Scabies

SalmoneraTyphi

Malaria

Chamydia

Correct order

(a) Trachoma _____

(b) Typhoid _____

(c) Scabies _____

(d) Malaria _____

48. (a) Why should a person ready to harvest honey wear gloves?

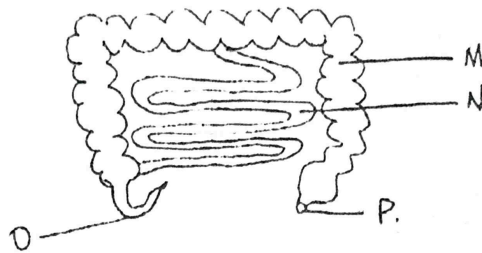
(b) Give the importance of a smoker during honey harvesting.

(c) Name two methods of extracting honey

(i) _____

(ii) _____

49. (a) The diagram below shows part of the digestive system. Study it and use it to answer questions that follow

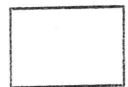


(a) Name the parts marked;

(i) M _____ (ii) P _____

(b). In which part does absorption of digested food take place

(c) Name the disease that affects part marked O.



50. (a) What is weaning?

(b) State the recommended age for mothers to wean their babies.

(c) Why should food for weaning children be mashed?

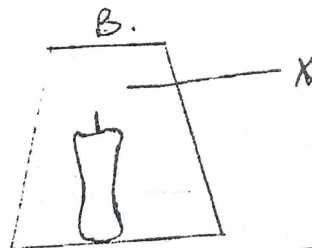
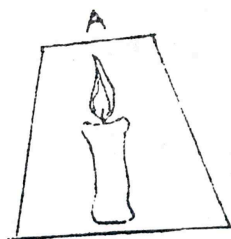
(d) Give the importance of Vitamins in the diet of the sick people

51. (a) State the main cause of a short circuit.

Write any two dangers of short circuits

Write any one way of preventing short circuits

52. The experiment below was carried out by a P.5 pupil. Use it to answer questions that follow.

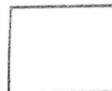


- a) What is the experiment about?

- b) Why did the candle go off as shown in B?

- c) Which gas occupies the space marked X?

- d) Give any one use of heat to people



53. (a) Give the importance of the following features on a VIP latrine.

(i) Vent pipe

(ii) Screen

(b) Why are water borne toilets not common in rural areas?

(c) Give a reason why a pit latrine should be constructed at least 30 metres away from a water source.

54. (a) State two causes of short sightedness

(i) _____

(ii) _____

(b) Name the type of lens that can be used to correct short sightedness.

(c) Write the deficiency disease that affects the human eye.

55. (a) What is dehydration?

(b) Give two signs of dehydration in a baby.

(i) _____

(i) _____

(c) How is sugar in ORS solution important to a dehydrated person?



END