KABALE DIOCESE CATHOLIC PRIMARY SCHOOLS

PRE - MOCK SET 2023

INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

Index Number:

EMIS No.						Personal No.		

Candidate's Name: .....

Candidate's Signature: .....

District Name: .....

Read the following instructions carefully:

1. The paper has two sections: **A** and **B**.
2. Section **A** has 40 questions (40 marks)
3. Section **B** has 15 questions (60 marks).
4. Answer **all** questions. All answers to 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. Diagrams should be drawn 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.
8. Do not fill any thing in the boxes. They are for examiner's use.

FOR EXAMINERS USE ONLY		
Qn. No	**MARKS**	**SIGN.**
1 - 10		
11 - 20		
21- 30		
31- 40		
41- 43		
44- 46		
47- 49		
50-52		
53-55		
TOTAL		

SECTION A

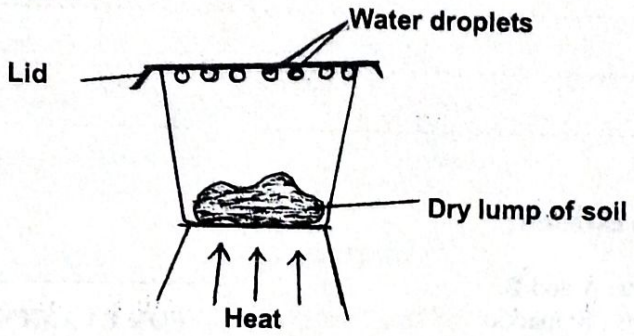
1. Name the parasite that spreads sleeping sickness to people.

2. Give any one way of caring for domestic animals .

3. Which form of energy stimulates the sense of hearing?

4. Apart from tasting and rolling food, Mention one other function of the tongue in the mouth.

The diagram below shows an experiment about soil. use it to answer question 5 and 6 .



5. What was the experiment testing about soil?

6. Why are water droplets formed on the lid as shown on the diagram above.

7. Name the weather instrument used to show direction of wind.

8. State the use of splints in giving first aid for fractures.

9. Give a reason why an egg is porous?

10. State one importance of adding crushed eggshells in layers mash

11. Identify the type of energy possessed by a rolling stone.

12. How can a mother protect her chilldren from deficiency diseases?

13. Where in the digestive system are fats first digested?

14. Mention any one method used to obtain clean water from dirty water.

15. Name the Sexually transmitted disease that cause blindness in un born babies.

16. In the space below, draw an electric switch.

17. What is echo?

18. Give one way of controlling soil erosion in hilly areas.

19. Identify the smallest bone in the human body.

20. state any one way of controlling malaria in a home.

21. How is a duck billed platypus similar to a duck?

22. Give one factor one should consider when choosing a site for an apiary.

23. How is charcoal formed?

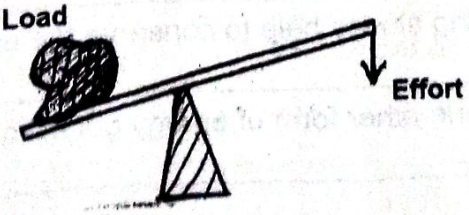
24. Mention one group of vertebrates that is cold blooded.

25. Give one way in which chemical changes are similar to biological changes.

26. Write down one example of vaccines given to babies at birth.

27. How is photosynthesis important to animals?

Below is a simple machine. Study and use it to answer Question 28 and 29.



28. Name the type of simple machine shown above.

29. To which class of levers does it belong?

30. Write UNEPI in full.

31. Which type of skeleton is found in cockroaches?

32. Identify any one example of spore bearing plants.

33. Give one example of vulnerable groups of people.

34. In which way are tendons important in the human body?

35. Name the structure mosquitoes use to suck blood from people.

36. State any one way of acquiring natural immunity.

37. How is a blubber useful to sea mammals?

38. Mention one way of controlling tick borne diseases in cattle.

39. State the importance of boiling water before drinking it.

40. By what process are clouds formed from water vapour?

SECTION. B

41. (a) What are chemical changes?

(b) Mention any two examples of chemical changes.

(i)

(ii)

(c) Give a reason why moulting in snakes is said to be a biological change.

(i)

(ii)

42. (a) Mention any two examples of energy resources from plants.

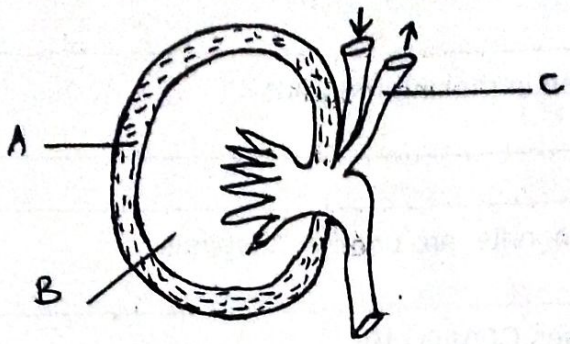
(i)

(ii)

(b) How is the use of charcoal saving stoves help to conserve the environment?

(c) Apart from heat energy, name one other form of energy got from the sun.

43. Study the diagram of a kidney below and use it to answer questions that follow.



a) To which body system does the kidney belong.

_____

(b) Name the parts marked

(i) A: _____

(ii) C: _____

(C)Identify the process that takes place in part marked A

_____

44. (a) Which part of air is used in;

(i) Burning: _____

(ii) Fire extinguishers: _____

(b) State any one cause of fire out breaks in schools.

_____

(c) Give one way of avoiding such accidents in schools.

_____

45. Study the table below and use it to answer questions about it.

P	Q	R
Monkey	Frog	Chameleon
Goat	Toad	Geckos
Man	Nile perch	Snakes

(a) Give one similarity between animals in list Q and R .

_____

(b) To which group of vertebrates do animals in list P belong?

_____

(c) Give one characteristic common to animals in the lists P,Q and R.

_____

(d) How are animals in list P different from animals in list Q in terms of reproduction?

_____

46. (a) Define the term Magnet.

_____

(b) Write down two methods used in making magnets.

(i) _____

(ii) _____

(c) Give one way in which magnets are used in hospitals.

_____

47. (a) Name the germ that causes COVID -19

_____

(b) Write down two health habits done to control the spread of COVID -19

(i) _____

(ii) _____

(C) How does the use of face masks help in the prevention of COVID-19

_____

48. (a) Name the waether instrument used to measured the amount of rainfall received.

_____

(b) Give a reason why people are advised to;

(i) Put the above weather instrument in (a) in open places

_____

(ii) Raise the weather instrument 30cm above the ground?

_____

(c) What is the importance of a ceilometer as a weather instrument.

_____

49. (a) Write down two examples of social insects.

(i) _____

(ii) _____

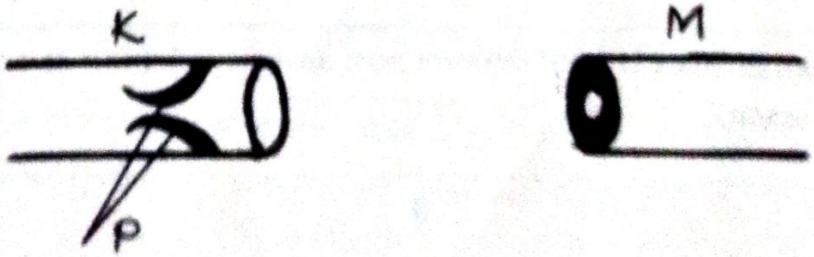
(b) Which type of lifecycle does a tsetsefly under go?

_____

(c) In which way are honey bees harmful to people?

_____

50. Study the blood vessels below and use them to answer questions that follow.



(a) Name the blood vessels marked:-

(i) K _____

(ii) M _____

(b) How are structures marked P important during blood circulation?

_____

(c) Mention one structural difference between blood vessel K and M

_____

51 (a) Write down any two examples of poultry vices.

(i) _____

(ii) _____

(b) Give one way of controlling poultry vices among domestic birds.

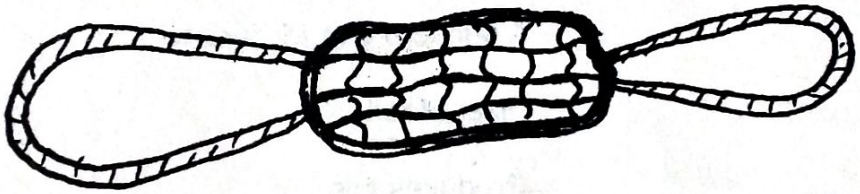
_____

(c) Why are laying nests put in dark corners in the poultry house?

_____

52 (a) Name the item drawn below.

_____



(b) How is the above item important in promoting personal hygiene?

_____

(c) Give two ways of promoting proper personal hygiene apart from bathing.

(i) _____

(ii) _____

53 (a) Write down any two PIASCY massages found in a school.

(i) _____

(ii) _____

(b) Identify the STD controlled using PIASCY messages.

_____

(c) Name the best method that helps a P.7 pupil prevent the spread of sexually transmitted Diseases. (STDS)

_____

54 (a) List down two agents of seed dispersal.

(i) _____

(ii) _____

(b) State any two advantages of seed dispersal.

(i) _____

(ii) _____

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55. Match list A to list B correctly.

A	B
Kidneys	A sense organ for feeling.
Skin	Filter blood
Lungs	Produces bile
Liver	Removes carbondioxide and water vapour

(i) Kidneys _____

(ii) Skin _____

(iii) Lungs _____

(iv) Liver _____

end