

LOHANA SCHOOLS

P. 7 EXAMINATION -2023 Integrated Science

Time allowed: 2 hours 15 minutes

NAME: _____

Signature: _____

EXAMINER'S USE ONLY

Stream _____

Date _____

A	
B	
TOTAL	

Read the following instructions carefully:

1. The paper is made up of section A and B.
2. Section A has 40 short answer questions (40 marks).
3. Section B has 15 questions (60 answers).
4. Answer ALL questions. All answers to both section A and B must be written in the spaces provided.
5. All answers must be written in blue ink.
6. Any handwriting that cannot easily be read will lead to loss of marks.
7. Unnecessary alteration of work may lead to loss of marks.
8. Do not write anything in the box indicated examiner's use only.

PARENT'S COMMENT	SIGNATURE

SECTION A: 40 MARKS

1. Name one crop that is propagated using seeds.

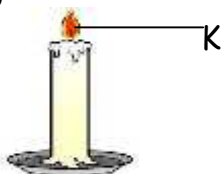
2. Which vector transmits malaria germs to people?

3. Identify the main product got from bees.

4. Why is blood pumped from the heart to the lungs?

5. Which type of family is composed of father, mother and their biological child?

The diagram below is a burning candle. Use it to answer question 6 and 7.



6. Name the part marked K.

7. Give one form of energy produced by part K.

8. State one way how a child acquires natural immunity.

9. How is the life cycle of a cockroach different from that of a butterfly?

10. Give one source of energy in the environment.

11. How is a canine tooth adapted to its function of tearing food?

12. Where in the digestive system of a person does the absorption of digested food take place?

13. John a P.5 pupil at St. Jude Primary school wants to find the volume of a paw - paw. What method can he use to carry out such an experiment?

14. Which element of PHC is promoted by taking children to health centres to receive BCG vaccine?

15. Name the liquid which is commonly used in thermometers.

16. State one use of wind to people in the environment.

17. Name one body organ that is damaged by excessive consumption of alcohol.

18. Name the part of the ear which can easily be damaged when a person uses a sharp object to clean the ear.

19. Name the breed of sheep mainly kept for production of wool.

20. Which type of soil is best suited for making ceramics?

21. Name the main product got from a dairy farm.

22. Name the type of energy possessed by a fruit falling from a tree.

23. Why is it not a good practice to pour untreated industrial wastes into a river or lake?

24. State the role of the blood cell below in the body.



25. Suggest one reason why drought is considered a danger to cattle farmers in Uganda.

26. Identify one advantage of using free range system in poultry keeping.

27. How do bacteria multiply in the environment?

28. What is drug misuse?

29. Give one example of poultry.

30. Why is a bat called a mammal?

The diagram below shows a process which occurs in plants. Use it to answer questions 31 and 32.



31. Name the process shown above.

32. Point out one factor which affects the above process.

33. To which group of musical instruments does guitar belong?

34. Cite out one reason why doctors advise people to do regular physical exercises.

35. What is first aid?

36. What is the commonest way of making water safe for drinking used by people in rural areas?

37. Name one type of skeleton.

38. Mention one example of a living resource in the environment.

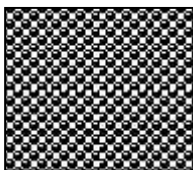
39. Name one process involved in the water cycle.

40. Give one example of a solute used in making ORS.

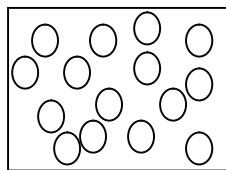
SECTION B: 60 MARKS

41. a) What is matter?

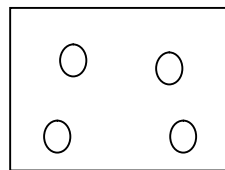
b) Identify the states of matter illustrated in each of the diagrams below.



K



L



M

i) K _____

ii) L _____

iii) M _____

c) What happens to matter when it is heated?

42. a) Give two examples of gases which make up air in the atmosphere.

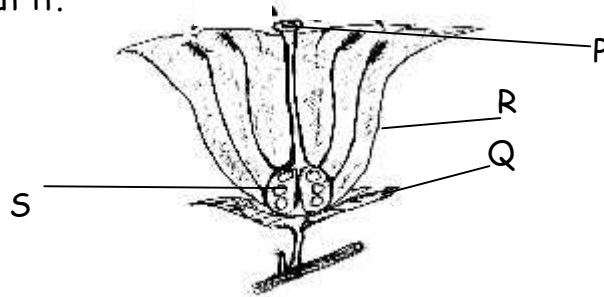
i) _____

ii) _____

b) Which process in plants makes use of the gas which occupies 0.03% in the atmosphere?

c) How do plants benefit from the process mentioned above?

43. The diagram below is of a flower. Study it carefully and use it to answer the questions about it.



a) Name the parts marked P and Q.

P _____

Q _____

b) Why is part R brightly coloured in some flowers?

c) What does part S develop into after fertilisation?

44.a) Give the cause of each of the following:

i) A scald: _____

ii) A burn: _____

b) What is the first aid for burns and scald?

c) State one reason why we should give first aid.

45. The table below shows group of animals. Study it carefully and use it to answer the questions that follow.

W	X	Y
Dove	Snake	Frog
Parrot	Chameleon	Newt
Kiwi	Lizard	Salamander
Duck	Tortoise	Toad

a) Under what group of animals is list X classified?

b) Identify the similarity between animals in group **X** and those in group **Y** in the way they reproduce.

c) Mention one other example of animals that can be included in group **W**.

d) How are animals in group **W** different from those in group **Y**?

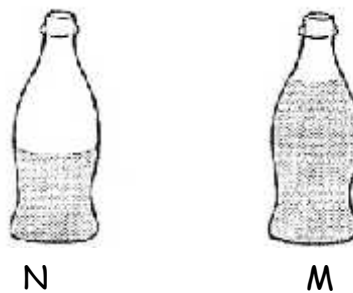
46.a) State the importance of cilia found in the nose.

b) Why is the trachea made of rings of cartilages?

c) Where in the lungs does the exchange of gases take place?

d) In which one way can the respiratory be maintained in proper working conditions?

47. The diagram below shows an experiment carried out by pupils of P.6 Blue at Hillside Primary school.



a) What is the experiment about?

b) Which bottle will produce:

i) The highest pitch of sound. _____

ii) The lowest pitch of sound. _____

c) What is pitch of sound?

48.a) State the role of each of the following during the digestion of food.

i) Teeth: _____

ii) Saliva: _____

b) Name the process by which food moves along the alimentary canal.

c) Write down one disorder of the digestive system.

49. Match the list in A to that in B correctly.

A	B
Wind vane	Measure the speed of wind
Rain gauge	Measures temperature
Anemometer	Shows the direction of wind
Thermometer	Measures the amount of rainfall

a) Wind vane: _____

b) Rain gauge: _____

c) Anemometer: _____

d) Thermometer: _____

50.a) What is a mixture?

b) Identify one method which can be used to make dirty water clean.

c) Apart from drinking and cooking give two other uses of water in a home.

i) _____

ii) _____

51.a) What is a balanced diet?

b) Write two food stuffs which are a source of proteins.

i) _____

ii) _____

c) Which food deficiency disease is caused due to lack of proteins in the diet?

52.a) What is a joint?

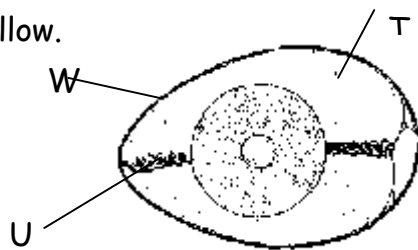
b) Name the type of joint found at:

i) the shoulder: _____

ii) the knee: _____

c) What name is given to the substance which reduces friction at a joint?

53. The diagram below shows parts of an egg. Study it carefully and use it to answer the questions that follow.



a) Name the parts marked T and U.

T _____

U _____

b) Using letter V and an arrow show the part that develops into a chick.

c) Give one adaptation of part W to its function.

54.a) What is adolescence?

b) Mention two primary sex characteristics which occur in girls.

i) _____

ii) _____

c) Identify one secondary sex characteristic which occurs in only boys.

55. A resource is any component of the environment that man uses to satisfy his needs.

a) Name two resources found in our school compound.

i) _____

ii) _____

b) How are the resources you have named above important to us?

i) _____

ii) _____

END