

NDEJJE K. DAY & BOARDING PRIMARY SCHOOL

MID – TERM II EXAMINATIONS 2023

INTEGRATED SCIENCE

PRIMARY SEVEN

Time Allowed: 2 hours: 15Minutes



CANDIDATE'S NAME: _____

SCHOOL CODE: _____

INDEX NUMBER: _____

Read and follow these instructions carefully:

1. The paper has two sections: **A** and **B**
2. Section **A** has 40 questions (40marks)
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 space provided.
5. All answers must be written using a blue or black ball point pen or ink
6. Diagrams should be drawn in pencil.
7. Unnecessary crossing of work may lead To loss of marks
8. Any handwriting that cannot be easily read may lead to loss of marks.
9. Do not fill anything in the boxes indicated;

For Examiner's use only.

FOR EXAMINERS USE ONLY		
QN. NUMBER	MARKS	EXAMINER'S INITIAL
1 – 20		
21 – 30		
31 – 50		
51 – 53		
54 – 55		
TOTAL		

SECTION A:

1. Give one example of internal parasites.
.....
2. Why are plants grouped under living things?
.....
.....
3. Mention any one living component of soil.
.....
4. Why are vitamins not digested?
.....
.....
5. Name any one breed of rabbits reared by people in Uganda.
.....
6. As a P.7 candidate what advise can you give to a mother whose child has sunken eyes and dry lips?
.....
.....
7. Identify any one material used for mulching.
.....
8. Why is copper called a nonmagnetic material?
.....
.....

9. Why is sound not able to travel through a vacuum?

.....

.....

10. How is the function of the kink in a clinical thermometer similar to that of valves in the heart?

.....

.....

11. State any one use of electricity at home.

.....

.....

12. To which group of invertebrates does an octopus belong?

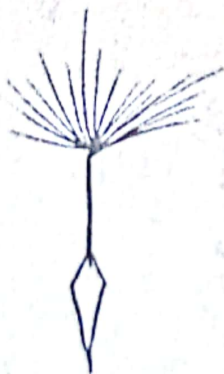
.....

13. What is the importance of tendons in the human body?

.....

.....

14. How is the fruit below dispersed from one place to another?

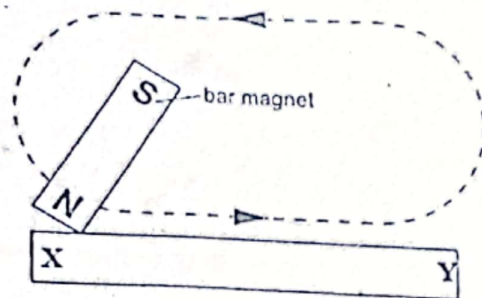


.....

15. How is the cerebellum important in the body?

.....
.....

The diagram below shows a method used to make magnets. Use it to answer the questions 16 and 17.



16. Identify the method shown above.

.....

17. Which pole will be formed at point Y?

.....

18. Which system of keeping poultry is commonly practiced in rural areas?

.....

19. State any one characteristic of birds.

.....

.....

20. In which one way do plants benefit from animals which are in the same environment?

.....

1. Name any one example of snakes which produce venom.

2. What do we call the type of fracture where the bone breaks and tears the flesh?

23. Name the deficiency disease caused by lack of vitamin C in the body.

24. Why is moulting called a biological change?

25. An object whose density is 2.6g/cc was put in a glass of water. Briefly state what was observed.

26. How are halteres important to an insect?

27. What is the importance of a thermos flask in a home?

28. State any **one** difference between mass and weight.

.....
.....

29. Name **one** activity that promotes personal hygiene

.....
.....

30. Write **PVC** in full.

.....

31. How are gills important to a mushroom?

.....
.....

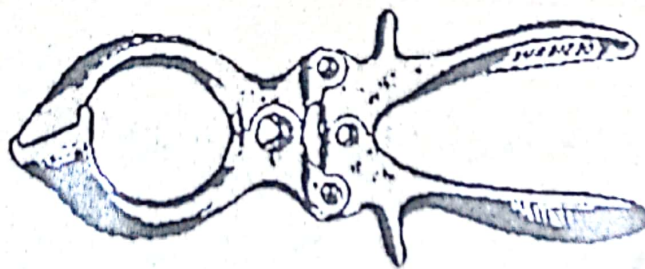
32. Identify any **one** food value we obtain from sweet potatoes

.....

33. What do we call the most sensitive part of a tooth?

.....

The diagram shows a device used on an animal farm.
Use it to answer questions 34 and 35.



34. Name the method shown above.

.....

35. What is the function of the device shown above?

.....
.....

36. What do we call the plants which have root nodules?

.....

37. Identify the component of air which is given out by plants during photosynthesis.

.....

38. Why do some plants cover their leaves with a waxy substance?

.....
.....

39. What is the gestation period of a sow?

.....
.....

40. What do we call the process by which plants absorb water from the soil?

.....
.....

SECTION B

41. (a) What an accident?

.....
.....

(b) Give any **two** causes of accidents that occur on roads in Uganda.

(i).....

(ii).....

(c) State any **one** reason why first aid is important.

.....
.....

42. (a) Define the term "matter"

.....
.....

(b) Give any **two** states of matter.

(i).....

(ii).....

(c) How is heat transfer by convection important to people?

.....
.....

43. (a) Name the type of fertilization that takes place in each the following animals

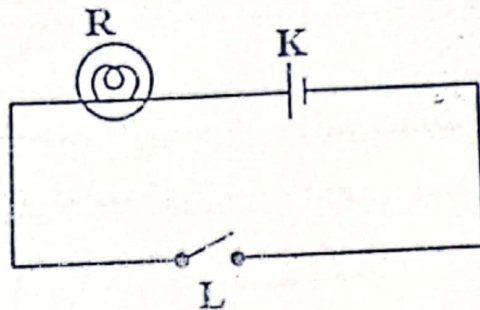
(i) Birds.....

(ii)Amphibians.....

- (b) Give a reason endangered species of animals should be conserved.

- (c) State any **one** danger of birds in the environment.

44. The diagram below shows a simple electric circuit. Study it carefully and use it to answer the questions that follow.



- (a) Name the part marked R

- (b) State the function of part marked L

- (c) What energy change takes place in part marked K when it is working?

- (d) Using an arrow show the direction of the flow of current.

45. (a) Give two examples of monocotyledonous seeds.

(i).....

(ii).....

(b) Which type of germination does a pea undergo?

.....

.....

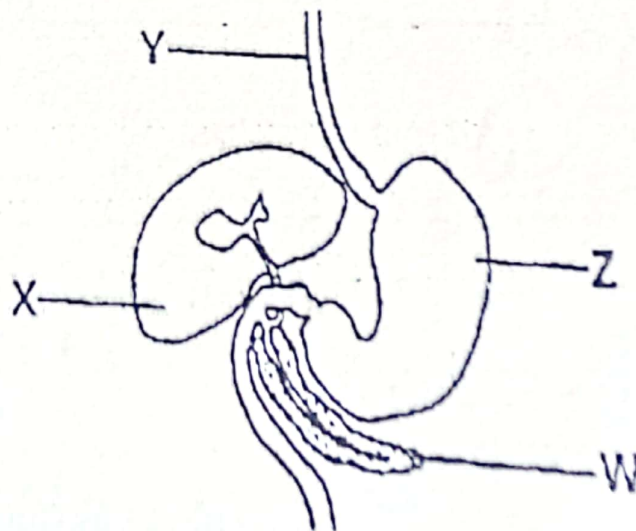
(c) State any one reason why a seed may fail to germinate under favorable conditions.

.....

.....

46. The diagram below shows a human digestive system.

Use it to answer the questions that follow.



a) Name part marked W.

.....

(b) Name one enzyme found in part marked Z

.....

(c) How is part marked X important during the digestion of food?

.....
.....

(d) Name **one** disorder of the above system

.....

47. (a) Name **one** type of chicken.

.....

(b) Point out any **two** problems faced by poultry farmers in Uganda.

(i).....

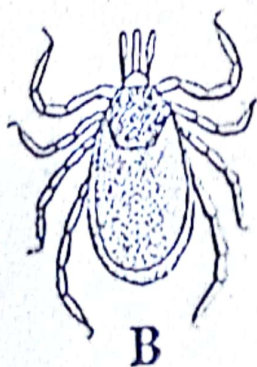
(ii).....

(c) How does a crop farmer benefit from keeping poultry on his farm?

.....

.....

48. The diagram below shows examples of some invertebrates. Study it carefully and use it to answer the questions that follow.



a) Name the animals labeled C and D

(i) C.....

(ii) D.....

b) Under which group of invertebrates does animal B belong?

.....

c) Why are the animals above grouped under invertebrates?

.....

.....

49. Opio mixed water and sugar in a cup and stirred them until they formed a uniform mixture.

a) What happened to the sugar?

.....

(b) What term is used to refer to the uniform mixture that was formed?

.....

(c) Give **one** other substance which can be used in the above experiment instead of sugar.

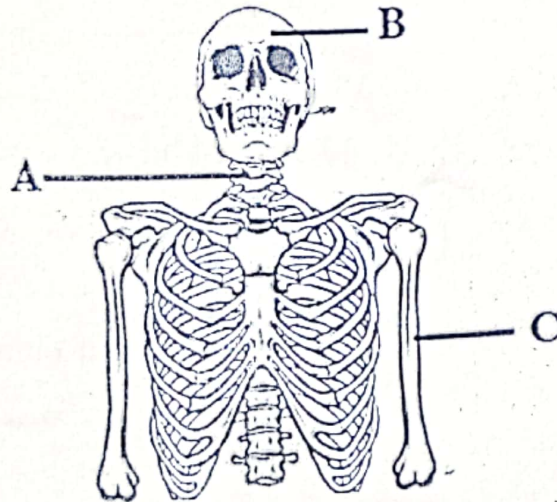
.....

(d) Why is water called a universal solvent?

.....

.....

50. The diagram below shows a human skeleton. Study it carefully and use it to answer the questions that follow.



- a) Name the bones marked B and C
- (i) B.....
- (ii) C.....
- (b) Name the type of movable joint found at part marked A
-
- (c) State any one way the above system can be kept in good working conditions.
-
-

51. The diagram below shows a musical instrument. Use it to answer the questions that follow.



- (a) Name the musical instrument shown above.
.....
- (b) Under which group of musical instruments does it belong?
.....
- (c) Give **two** devices that are used to store sound.
(i).....
(ii)
52. (a) Name any **two** blood cells apart from red blood cells.
(i).....
(ii).....
- (b) Give **one** function of red blood cells in the body.
.....
- (c) Name any **one** disease that affects circulatory system
.....

53. (a) Write down the **two** permanent methods used in family planning.

(i).....

(ii).....

(b) Point out any **one** advantage of carrying out family planning to a family.

.....

(c) How is family planning important to a country like Uganda?

.....

54. (a) Name any **two** causes of soil erosion.

(i).....

(ii).....

(b) Write down **two** practices that help in controlling soil erosion.

(i).....

(ii).....

55. (a) Give **two** examples of drugs of dependency.

(i).....

(ii).....

(b) State any **one** effect of drugs of dependency to;

i) An individual.....

ii) A family.....

END