

NTUNGAMO DISTRICT EXAMINATIONS PANEL

PRIMARY LEAVING MOCK 2024

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

INDEX NUMBER: _____

CANDIDATE'S NAME: _____

CANDIDATE'S SIGNATURE: _____

SCHOOL NAME: _____

DISTRICT: _____

INSTRUCTIONS

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instructions carefully

1. This paper is made up of 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 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. Diagrams should be drawn in pencil
6. Unnecessary alteration of work may lead to loss of marks.
7. Any hand writing that cannot be easily read may lead to loss of marks
8. Do not fill any thing in the box indicated;
"FOR EXAMINER'S USE ONLY"

FOR EXAMINERS USE ONLY		

QN. NO.	MARKS	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 45		
46 - 50		
51 - 55		
TOTAL		

Ntungamo District Examination Panel (Mock Examinations 2024)

SECTION A 40 NUMBERS (40MARKS)

1. Mention one invisible component of the environment.

2. Name one bee product which is the source of proteins.

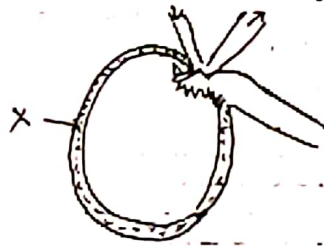
3. Identify the substance that can exist in three states of matter.

4. What health habit can be practiced by a P.7 candidate after visiting latrine?

5. Give a reason why we are advised not to buy drugs from markets or shops.

6. Which class of lever has effort between load and fulcrum?

Use the diagram below to answer the questions below 7 and 8.



7. Name part marked x.

8. Give one way of caring for the above body organ.

9. Name the body sense organ used to detect the presence of too much salt in the sauce.

10. State any one advantage of depositing sperms using artificial means

11. Why do electric engineers wear rubber gloves when they are at work?

12. How do plants with weak stems get supported when growing?

13. Name the blood cell with a disc shape.

14. Which structure of an insect serves the same purpose as gills of a fish?

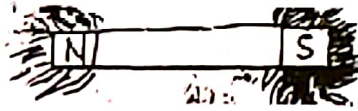
15. Name the substance that protects the skin from strong radiation from the sun?

16. Identify the immunisable disease that attacks the human skin.

17. Name the element of PHC that is promoted by having enough rest and sleep.

18. Write ECOSAN in full.

Use the diagram below and answer question 19.



19. Which property of magnets is shown above?

20. Why can't sand disappear when put in the water and stirred well?

21. What happens to biceps when the human arm is straightened?

22. Name one raw material used by plants in making starch.

23. How is soil important to people living in urban areas.

24. How does cooking oil behave in saup when cooking meat at home?

25. Identify any one cause of soil erosion.

26. Give any one way a chameleon is vital in the environment.

27. Mention any one enzyme found in the stomach.

Use the diagram below to answer questions 28 and 29.



28. Name the type of reflection shown above.

29. Why are rays reflected in the same way as above?

30. Name the body organ that stores memory.

31. Identify any one block in food path.

32. State any one use of halteres on the thorax of the housefly.

33. How is an incisor teeth adapted to its function?

34. State the practice carried out by livestock farmers to ease mating in sheep.

35. Which class of food is suitable for people quarrying stones?

36. Apart from using bulbs, how else are onions propagated?

37. Mention any one way ferns are similar to mosses.

38. What name is given to the larva stage of a bee?

39. Write down any one example of egg laying mammals.

40. How is a fuse similar to a switch?

Section B 15 numbers 60 marks

41. A patient was not feeling well. When the nurse measured her body temperature, her body temperature had increased by 3°C .

(a) What was the body temperature of the patient?

(b) Convert the body temperature above to fahrenheit scale.

(c) State any difference between heat and temperature.

42(a) The table below shows vaccines received by 5 babies at different immunization dates.

Babies	Vaccines Received			
	Polio	BCG	DPT	Measles
O	X	X	X	X
P	✓	✓	✓	✓
Q	✓	X	✓	✓
R	X	X	X	✓
S	✓	X	X	✓

(a) Which baby received all vaccines?

(b) Identify the vaccine that most babies did not receive.

(c) Name any one disease that is likely to attack O, R and S.

(d) Name any other vaccine that babies could have received.

43(a) Name the digestive juice that is produced in the mouth.

(b) Mention any two disorders of digestion.

(i)

(ii)

(c) What is an enzyme?

44(a) How does each of the following contribute to rain formation?

(i) sun

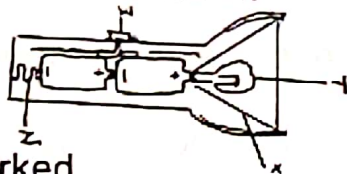
(ii) plants

(b) Write two activities that decrease rain formation.

(i)

(ii)

45. The diagram below shows an electric torch, study and use it to answer the questions that follow.



(a) Name the parts marked.

(i) X

(ii) Z

(b) State the function of part marked y.

(c) What energy change takes place in the dry cells when part W is closed?

46(a) Mention two examples of renewable resources.

(i)

(ii)

(b) Give any two examples of plant fibres in environment.

(i)

(ii)

47. Match the deficiency diseases to food values.

A

(i) Goitre

(ii) Poor clotting of blood

(iii) Night blindness

(iv) Kwashiorkor

B

proteins

vitamin K

Iodine

Vitamin A

(i) Goitre _____

(ii) Poor clotting of blood _____

(iii) Night blindness _____

(iv) Kwashiorkor _____

48. Give any two minerals lost during dehydration.

(i) _____

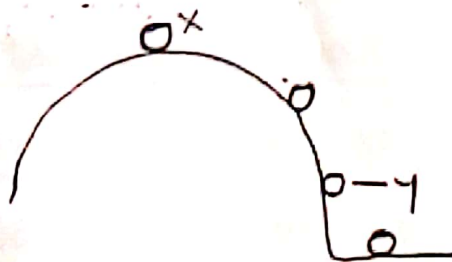
(ii) _____

(b) Why should a dehydrated person be given ORS?

(c) Give any one cause of dehydration.

49(a) What is kinetic energy?

(b) What type of energy is possessed by the stone at:



(i) At x _____

(ii) At y _____

(c) How do we call the force that pulls objects towards the centre of the earth?

50(a) Give two ways in which insects are harmful.

(i) _____

(ii) _____

(b) Suggest any one useful insect in the environment.

(c) What term is used to describe the different stages of development in insects?

51. Use the list of animals below to answer questions that follow.

Lizard, parrot, squirrel, toad, tilapia.

(a) How are the animals above similar?

(b) To which group of vertebrates does a lizard belong?

(c) Give any one example of a warm blooded animal from the list above.

(d) State the difference between a squirrel and a tilapia in terms of reproduction.

52(a) What type of leaf venation does a maize plant have?

(b) State two importance of leaves to a plant.

(i) _____

(ii) _____

(c) Give any role of chlorophyll to a plant.

53. Apart from tooth brush, name other two things people use to clean the teeth.

(i) _____

(ii) _____

(b) Name any two skin diseases.

(i) _____

(ii) _____

54. What is germination?

(b) State any one type of germination.

(c) Give any two characteristics of dicotyledonous plant.

(i) _____

(ii) _____

55. Define the following terms as used in sound:

(a) volume _____

(b) pitch _____

(c) Frequency _____

(d) Echo _____

****END****

Wishing you success