



**P.7 2024 EXAMINATION 2024 SPECIAL PRE MOCK SET 4
INTEGRATED SCIENCE**

Time allowed: 2 Hours 15 Minutes

Random No.						Person No.		

Candidate's Name

Candidate's Signature

District Name.....

Read the following instructions carefully:

1. This paper has **two Sections: A and B.**
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. All answers must be done using a blue or black ball-point pen or fountain pen.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill anything in the boxes indicated: **“For Examiners’ Use Only”** and those inside the question paper.

FOR EXAMINERS’ USE ONLY		
Qn. No.	Marks	EXRS’ NO.
01 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44-46		
47-49		
50-52		
53-55		
TOTAL		

Turn Over

SECTION A (40 marks)

1. What method is used by people who keep bees to encourage bees to occupy empty bee hive?

.....

2. Give the role played by hydrochloric acid in the process of digestion?

.....

3. State any one way people can make good use of echoes.

.....

4. Mention any one way a P.7 child can prevent an axe from rusting.

.....

5. Identify any one sign of heat period in female animals.

.....

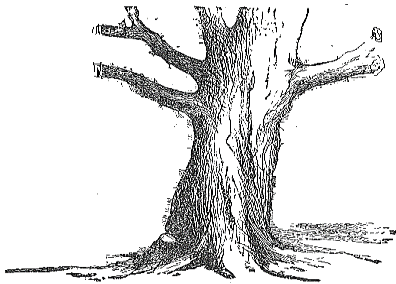
6. Give a reason why black objects are seen to be black?

.....

7. What is the use of ear to a deaf person?

.....

8. Name the method of harvesting trees shown in the diagram below:



.....

9. Mention any one disease that attacks the spinal cord.

.....

10. Why are roughages recommended in our diet?

.....

11. Give any one factor which affects the pitch of sound produced by a guitar with strings.

.....

12. State one advantage of using electricity for cooking.

.....

13. State one cause of truancy in schools.

.....



14. Why is a plant called a producer in food chain?

.....

15. Apart from the lungs and skin, name any one other excretory organ.

.....

16. What type of energy is possessed by a falling mango fruit before reaching the ground?

.....

17. State any one reason why some plants climb others.

.....

18. Give any one practice that may control the spread of cholera in your school.

.....

19. Mention any one way in which crops benefit from trees in agro-forestry.

.....

20. How does a rat differ from a cockroach in the way they breathe?

.....

21. The front door at home makes noise at hinges as you open it. What advice can you give to your parents to stop this?

.....

22. Mention any one example of a coniferous plant apart from pine and eucalyptus.

.....

23. Give any one difference between images formed on plane mirror and a lens camera.

.....

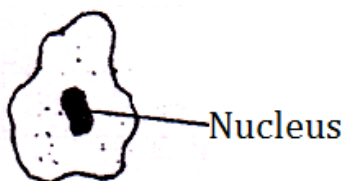
24. Give any one way in which soil is important to plants.

.....

25. Why is a wet cloth put on the body on a person with high fever?

.....

The diagram below shows a blood cell. Use it to answer questions 11 and 12.

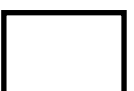


26. What type of blood cell is shown above?

.....



27. State the function of blood cell in (30) above.
.....
28. What type of skeleton does a snail have?
.....
29. Name any one example of a leguminous crop.
.....
30. Give one reason why air is considered to be matter.
.....
31. Mention one disadvantage of keeping poultry on free range system.
.....
32. Give any one way in which people misuse drugs.
.....
33. Which human sense organ is attacked by trachoma?
.....
34. In which one way is a biological change similar to a chemical change?
.....
35. State the method of making magnets without using another magnet.
.....
36. Identify any one common food that can be peeled, dried and pounded before it is prepared for eating as food.
.....
37. State one problem people who make bricks out of loam soil with small stones face.
.....
38. In the space below, draw a simple movable pulley.
39. State a reason why VIP lacks a lid cover at the hole?
.....
40. What name is given to the larva stage of a bee?
.....



SECTION B (60 Marks)

41. (a) Identify any one secondary sex characteristic that happens both in girls and boys during adolescence.

.....

(b) State any two problems that may be a result of frequent pregnancies by a mother at home.

(i)

(ii)

(c) Give any one way in which a P.7 child can avoid teenage pregnancies.

.....

42. (a) Give any one reason why a rabbit hutch is raised above the ground.

.....

(b) State any two reasons why a wire mesh is used in building a rabbit hutch.

(i).....

(ii).....

(c) Name any one food stuff rabbits feed on.

.....

43. (a) Write any two causes of soil erosion.

(i).....

(ii).....

(b) Give any two ways soil erosion can be controlled in an area.

(i).....

(ii).....

44. (a) Which vector spreads the diseases below?

(i) Scabies:.....

(ii) Cholera:.....

(b) Give a reason why a female anopheles mosquito does not spread HIV/AIDS?

.....

(c) How can a P.7 child prevent tape worm infection in his/her home?

.....

45. (a) Name any two body organs that make up the circulatory system.

(i).....

(ii).....

(b) State the function of red bone marrow in short bones of the skeleton

.....

(c) Which component of blood helps in clotting of blood at a cut?

.....



46. (a) What friction force opposes a small stone thrown into a jerrycan of cooking oil?

.....
(b) State any two advantages of friction to man.

(i)

(ii).....

(c) State any one way friction can be reduced in a machine?

.....

47. (a) Write down two methods used to get clean and safe drinking water from dirty water.

(i)

(ii).....

(b) Mention any two causes of water contamination in water bodies.

(i)

(ii)

48. Use one sentence to state the meaning of each of the following;

(a) Reflection of light

.....

(b) Refraction of light

.....

(b) Spectrum

.....

(b) What type of reflection is produced from rough shining surface?

.....

49. Man is one of the agents of environmental degradation.

(a) What is environmental degradation?

.....

(b) Identify any two human activities that have led to environmental degradation.

i.

ii.

(c) How has NEMA tackled environmental degradation in Uganda?

.....

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

(i).....

(ii)

(b) State any two advantages of seed dispersal.

(i)

(ii).....

51. (a) Give any two examples of accidents that can happen at school apart from a burn, scald and fracture.

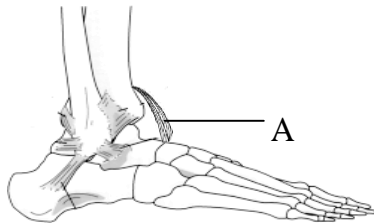


- (i)
- (ii).....
- (i) State any two reasons why accident victims should be given first aid.
- (i)
- (ii)

52. State the type of change which occurs in each below:

- (a) Cloud formation.....
- (b) Digestion of food in man.....
- (c) Germination.....
- (d) Rusting in metallic objects.....

53. The diagram below shows an ankle of a person. Use it to answer the following question.



(a) Name the part labeled A.

.....

(b) Mike overstretched this part and tore it during an accident. What kind of injury did he get?

.....

(c) What is the possible sign of the injury he got?

.....

(d) Identify the first aid you would give to the above kind of injury.

.....

54. Which bone joins the pelvis and tibia?

.....

(b) Explain briefly the following:

(i) Voluntary muscles

.....

(ii) Involuntary muscles



(c) Give one use of muscles in the body.

.....
55. (a) How does each of the following animals protect itself from enemies?

(i) Porcupine:.....

(ii) Wasp:.....

(b) Give any two reproductive strategies that enable frogs to succeed.

(i).....

(ii).....

END

