



NAMAYINGO DISTRICT ACADEMIC BOARD

MOCK EXAMINATION 2022, SUPPORTED BY NDDP-FC

PRIMARY SEVEN

INTEGRATED SCIENCE

Time Allowed 2Hrs 15 Minutes

EMIS NO.					Personal No.				

INDEX NUMBER

Candidate Name:

Candidate Signature:

EMIS Number:

Read the following Instructions carefully.

1. The paper has two sections A and B
 2. Section A has 40 short questions (40 marks)
 3. Section B has 15 questions (60 marks).
 4. Answer all questions. All answers to both Section 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. 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 in the boxes indicated.
- For Examiners' Use only and those inside the question paper.

"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 (40 MARKS)

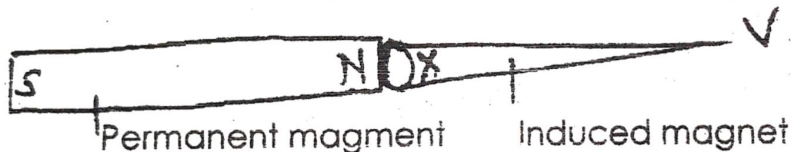
1. State the injury caused by dry heat to human body.
.....
2. Give **one** example of static electricity.
.....
3. How is soil important to termites?
.....
4. State **one** disease that attack the reproductive system.
.....
5. Give any **one** example of a crop farming practice.
.....
6. How is the sun useful to a photographer?
.....
7. Name any **one** type of weather.
.....
8. In which way is alcoholism dangerous to the community?
.....
9. What is the importance of putting soft boards on the walls in a cinema hall?
.....
10. Name the process illustrated below



11. Apart from the process in No. 10 above give one other example of a physical change.
.....
12. Write the use of tooth paste when brushing teeth.
.....
13. What structures keep the trachea open all the time.
.....

14. Why does a nail sink in water?
.....
15. Give a reason to support the statement, wind does not dry washed clothes.
.....
16. State any **one** element of primary Health Care.
.....
17. State any **one** item found inside a poultry house.
.....
18. Give any **one** example of useful fungi.
.....
19. How are electrol magnets useful in a hospital?
.....

Below is a method of magnetisation use it to answer questions.



20. Name the method of magnetisation shown above.
.....
21. Name the pole marked letter X.
.....
22. Give **one** way machines simplify work.
.....
23. Which childhood immunisable disease has a sign of a swelling neck?
.....
24. How similar are sweating and transpiration?
.....
25. Name any **one** mineral that makes bones strong.
.....
26. What name is given to the digestive juice in the mouth?
.....

What hormones are responsible for the growth of secondary sex changes in girls.

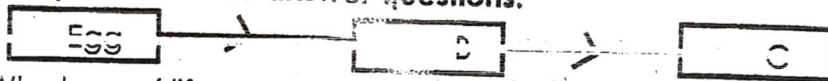
28. How is tepid sponging important to someone with fever?

29. Give any **one** disorder of the respiratory system.

30. Write any **one** step taken to keep the environment clean.

31. Below is a lifecycle of an insect.

Study and use it to answer questions.



Why type of lifecycle is shown in the diagram above?

32. Name any **one** insect which undergoes the above type of life cycle.

33. State the role of anemometer at the weather station.

34. Give **one** way of caring for animals as energy resources.

35. Why do people soak clothes before washing them.

36. State any **one** condition that can lead to bottle feeding.

37. Name the type of fracture common in children.

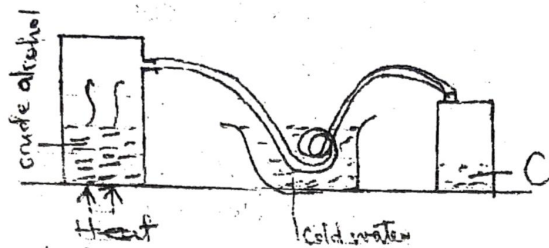
38. Why are frogs able to live on both on land and in water.

39. Write any **one** use of roots to people.

40. Give any **one** use of water in saloon.

SECTION B (60 Marks)

41. Below is a method of making alcohol.
Use it to answer the following questions.



- (a) Which method of making alcohol is shown above.
.....
- (b) Why is the delivery tube coiled as it passes through cold water?
.....
- (c) What scientific name is given to substance C?
.....
- (d) Give **one** reason people give for drinking alcohol.
.....
- 42.(a) State the property of magnetism that enables people to use magnets to separate mixture
.....
- (b) Give **one** mixture that is separated using magnets.
.....
- (c) How is painting of magnets good to people?
.....
- (d) State **one** effect of heating a magnet.
.....
- 43.(a) Write the element of sanitation which is used for each of the following
- (i) Proper drying of utensils.
.....
- (ii) Proper collection of rubbish before taking to the rubbish pit.
.....
- (b) Give **two** indicators of poor sanitation in a school.
(i)
(ii)
(ii)

44. Match types of joints in list A to their examples in list B.

List A

- (a) Hinge joint
- (b) Ball and Socket
- (c) Gliding joint
- (d) Pivot joint

List B

- Wrists and ankles.
- Neck
- Elbow and knee
- Shoulder and hip.

- (a) Hinge joint
- (b) Ball and Socket
- (c) Gliding joint
- (d) Pivot joint

45. (a) What causes fainting?

.....

(b) State any **two** conditions that can lead to fainting.

- (i)
- (ii)

(c) Why are legs of a fainted person raised beyond the head when giving first Aid?

.....

(a) Name the component of air used ;
For respiration.

.....

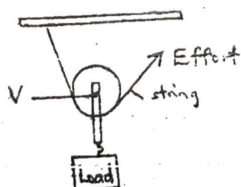
(ii) For puffing off fire.

.....

(b) State any **two** dangers of wind.

- (i)
- (ii)

47. The diagram below is of a pulley system. Use it to answer the questions.



(a) Name the pulley system shown above.

.....

(b) Name the part of a pulley marked V in the diagram above.

.....

(c) Give **one** way of reducing friction in a moving part of a pulley.

48. (a) Why is blood pumped to the kidney before it goes to the heart.

(b) Give **one** way of controlling kidney stones.

(c) State **two** excretory products removed from the body through the skin.

(i)

(ii)

49. (a) State **two** examples of diarrhoeal diseases.

(i)

(ii)

(b) Why do houseflies lay eggs in decaying matter?

(c) Write **one** way of controlling houseflies at school.

50. (a) Name any **two** instruments for measuring mass and weight.

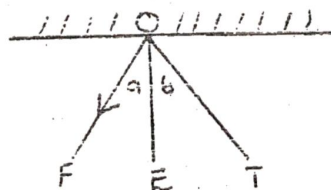
(i)

(ii)

(b) When is displacement method used?

(c) An object has a mass of 40g and volume of 4cm. Find its density.

51. Study the diagram below about reflection of light and answer the questions that follow.



(a) Name the type of reflection shown in the diagram above.

(b) Put an arrow on ray T to show the direction of light.

(c) If angle a is 40°. What is the size of angle b.

(d) Give a reason to support your answer in C above.

52.(a) What is leaf venation?

(b) Which type of leaf venation is shown in the diagram below.



(c) State any **two** examples of plants with the above type of venation.

(i)

(ii)

53.(a) Name the tool that is used for shearing in sheep keeping.

(b) Which exotic breed of sheep is kept mainly for wool production?

(c) How can a farmer improve on the local breeds of sheep?

(d) State any **one** product got from sheep.

54. (a) Which component of blood helps in fighting disease causing germs.

(b) Give any **two** importance of blood circulation in the body.

(c) State any **one** way of increasing volume of blood in the body.

55.(a) Give any **two** examples of wood fuel.

(i)

(ii)

(b) How does the use of electricity conserve the environment.

(c) State any **one** importance of trees in the compound.

END