

KAMPALA ACADEMIC EXAMINATIONS BOARD

PRIMARY SEVEN MOCK EXAMINATIONS 2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

EMIS No.						Personal No.		

Candidate's Name:

Candidate's Signature :.....

School Name:

District Name:

INSTRUCTIONS

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

Read the following instructions carefully.

1. This paper has two sections: **A** and **B**.
Section **A** has 40 questions (**40 Marks**) and
Section **B** has 15 questions. (**60 Marks**)
2. Answer **ALL** questions. All answers to both
sections **A** and **B** must be written in the spaces
provided.
3. **All** answers **must** be written using a **blue** or **black**
ball point pen or ink. Any work written in pencil will
not be marked.
4. Unnecessary **changes** in your work and
handwriting that cannot be read easily may lead to
loss of marks.
5. Do not fill anything in the table indicated
“ **FOR EXAMINERS' USE ONLY**”

FOR EXAMINERS USE ONLY

QN. NO.	MARKS	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

Turn over



SECTION A: (40 MARKS)

*Questions 1 to 40 carry **one** mark each)*

1. What is meant by the term photosynthesis?

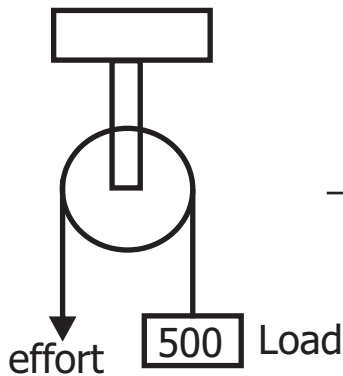
2. Name one process that takes place in the body cells.

3. Which part of air is a waste product of respiration?

4. State one reason why sound is regarded as a form of energy.

5. Draw one property of magnets you know.

6. Name the pulley system below.



7. What is the mechanical advantage of the above pulley system?

8. Give one disadvantage of full hand milking (hand milking) over machine milking.

9. Name one disease of the tongue that is a fungal disease.

10. What is meant by the term energy resources?



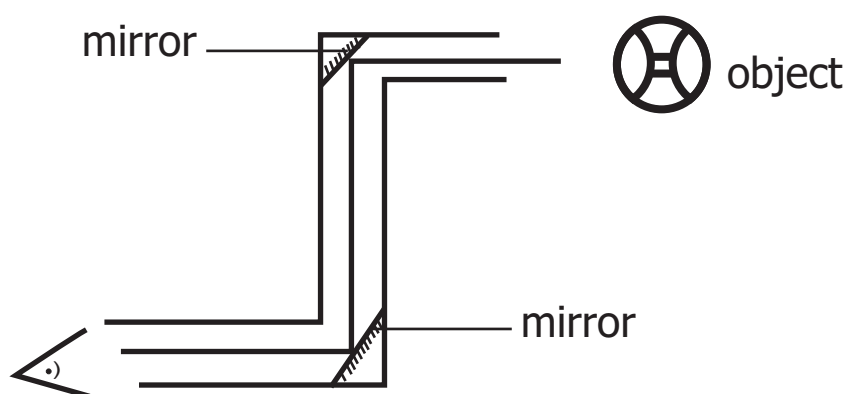
11. Identify **one** conivores plant you know.

12. State **one** characteristic of single fixed pulleys.

13. Apart from opening the digestive tract, how else is colostrum milk important to a calf?

14. Give the difference between a sprain and strain.

15. How do animals depend on other animals?



16. Complete the above diagram by use of an arrow.

17. Define the term shadow as used in light energy.

18. Give **one** role of the Ugandan government in the immunization activities in your community.

19. Joan got an accident of a second degree of burn, what first aid Joan does needs?

Below is a diagram used in cattle keeping. Use it to answer questions 20 and 21.



20. Identify the above machine used on a dairy farm.

21. How is it helpful to a dairy cattle farmer?



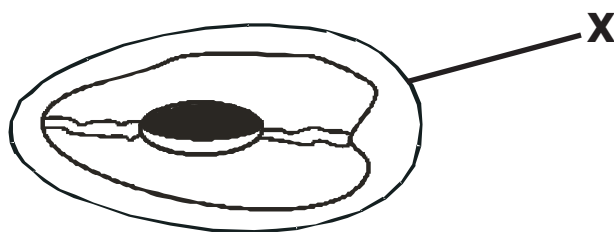
22. Define the term scolex as used in worm infestation.

23. Identify **one** way of obtaining clean and safe water at home.

24. Name the structures that hold ribs in position in the human body.

25. What enables the trachea to stay open all the time?

The diagram below is of an egg. Study it and answer questions 26, 27 and 28.



26. From which mineral salt is part **X** made of ?

27. Write down the main food value obtained from eating the eggs.

28. Which part of an egg develops into a chick?

29. State **one** type of lens you know.

30. Define the term machine.

31. Identify **one** example of animals' freedom.

32. What are flightless birds?

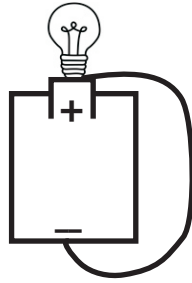
33. Which element of P.H.C is promoted by brushing teeth regularly?

34. Give **one** wild non ruminant animal you know.

35. State **one** factor that affects the electromotive force.

36. Write down **one** type of current electricity.





37. Show the flow of current by help of an arrow.

38. State **one** importance of a good posture.

39. Suggest **one** way of caring for vertebrates.

40. Which layer of the skin is made up of young living cells?

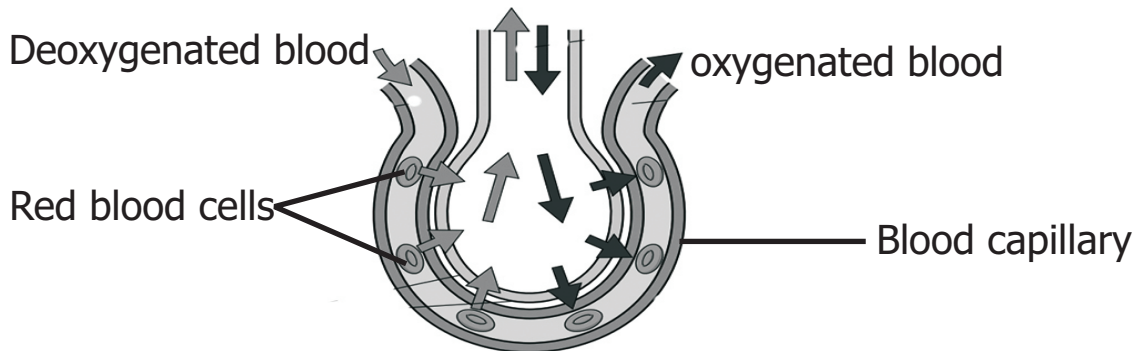
SECTION B: (60 MARKS)

*(Questions 41 to 55 carry **four** marks each)*

41. a) Name the disorder of the digestive system that is prevented by the epiglottis of the respiratory system.

b) Identify **two** organs of the respiratory system.

(i) _____ (ii) _____



c) Identify the part of the respiratory system above.

42. a) What is distillation of water?

b) Why is water obtained through filtration not safe for drinking?

c) Outline two steps taken when washing clothes.

(i) _____

(ii) _____



43. a) Define the term health education.

b) Suggest **two** ways of giving health education to a community.

(i) _____

(ii) _____

c) Identify **one** need to fight against homosexuality in your community.

44. a) Give **one** method used during immunization.

b) Identify **one** activity that can boost a person's immunity.

c) Write UNEPI in full.

45. a) What do you understand by the term electrical resistance?

b) Outline **three** parts of an electric circuit.

(i) _____ (iii) _____

(ii) _____

c) As a P.7 pupil who has studied electricity, suggest one way of handling electricity at home properly

46. a) Write down the **two** types of nutrition.

(i) _____

(ii) _____

b) Which food value is got from feeding on bananas?

(i) _____ (ii) _____

c) Mention **one** bad eating habit you know.

47. a) Identify **one** external part of a bird.

b) How is a germinal disc of an egg similar to zygote in humans?

c) Write down **two** birds without a crop.

i) _____

ii) _____



48. a) State **two** reasons why people smoke.

i) _____

ii) _____

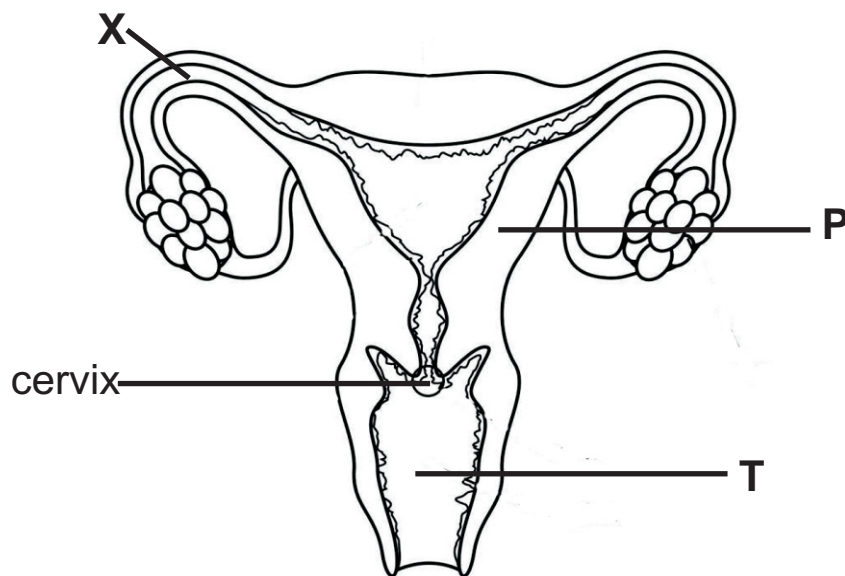
b) Identify **one** long term effect of smoking to an individual.

c) Write down **two** diseases worsened by smoking.

i) _____

ii) _____

49. **Below is a diagram showing the female reproductive system. Use it to answer the following questions.**



a) Name part marked **P**. _____

b) Identify **one** process that takes place at **X**.

c) How is part marked **T** useful to the above system?

d) Give **one** way of keeping the above system of the body in proper working condition.

50. a) Write down the **two** types of respiration.

i) _____

ii) _____

b) How is respiration important to plants?

c) Identify the part of the plant where respiration takes place.



51. a) Mention **two** conditions which may change the heart beat.
i) _____
ii) _____
b) What name is given to the muscles of the heart?

c) Write HIV in full.

52. a) Give the difference between a first aid kit and a first aid box.

b) Write down **one** component of a first aid kit.

c) Why are first aid boxes put in a tax?

d) Write **one** first aid for cuts.

53. a) Identify **one** use of flowers to plants.

b) State **one** reason why petals of a flower fall off.

c) Which part of the flower turns into a fruit after fertilization?

d) Write down **one** flower eaten as food you know.

54. a) What are communicable diseases?

b) Write down **two** immunisable communicable diseases.
i) _____
ii) _____
c) Identify **one** unhealth practice that may lead to spread of cholera in the environment.

55. a) What is Static electricity?

b) Identify **one** example of static electricity in nature.

c) Why is static electricity referred to as Static?

d) What are insulators of electricity?

