

KASESE DISTRICT PRIMARY SCHOOL HEADTEACHERS' ASSOCIATION

PRIMARY LEAVING MOCK EXAMINATIONS 2024

INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

INDEX NO.

--	--	--	--	--	--	--	--	--	--

Candidate's Name _____

Candidate's Signature _____

School Name _____

Sub-county _____

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**.
2. Section **A** has 40 questions (40 marks)
3. Section **B** has 15 questions (60 marks)
4. Answer **ALL** questions in Section **A** and Section **B**. Answers must be written in the spaces provided.
5. All answers must be written using a blue or black ball-point pen or ink. Only diagrams may be done in pencil.
6. Unnecessary alternation of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.

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. Name any one product from cattle.

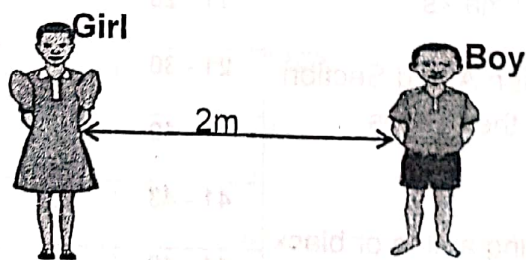
2. Which part of a flowering plant produces good smell to attract insect for pollination?

3. Give one way a farmer can identify a ripened jack fruit.

4. Name the device used to reset a six's thermometer.

5. Which type of skeleton is found inside the body of an organism?

The diagram below shows a girl and a boy standing a social distance of 2 metres away from each other. Use it to answer questions 6 and 7.

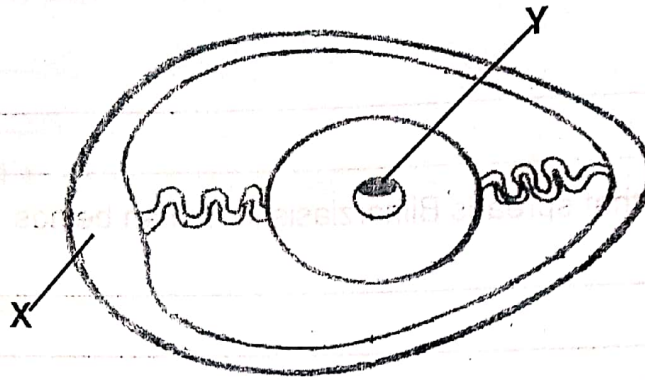


6. Give one disease that can be controlled by applying the practice shown in the diagram above.

7. State the importance of applying the above practice in public places.

8. Which state of matter has enough room for expansion compared to other states of matter?
9. Name the vector that spreads Bilharziasis in human beings.
10. Give a reason why a sugarcane is not a stem tuber and yet it stores its food in a swollen stem.
11. Which blood component is affected by the plasmodia germs?
12. Apart from carbondioxide, name one other raw material needed by plants to carry out photosynthesis.
13. State one reason why it is important to wash hands before handling food.
14. Name the body organ sensitive to feeling.
15. Give any one advantage of lightning to crop farmers.
16. Apart from earthworms, give any one other example of segmented worms.

The diagram below shows an egg of a bird. Use it to answer questions 17 and 18.



17. Name the part marked with letter X.

18. What happens to part labelled "Y" after fertilization?

19. State one reason why some objects are streamlined.

20. How does a gecko protect itself from enemies?

21. Name the type of fertilizers manufactured from chemicals.

22. State how the lifecycle of a cockroach is different from that of a housefly.

23. Apart from pneumonia and coccidiosis name any one other disease of rabbits.

24. Mention the STD disease which affects the blood circulation.

The diagram below shows a broken bar magnet. Use it to answer questions 25 and 26.



25. Name pole marked with letter P on the broken magnet above.

26. State the property of magnets shown in the diagram above.

27. Which element of P.H.C involves application of vaccines?

28. Give one reason why it is important to sneeze or cough in a handkerchief.

29. Name the source of energy for producers in the food chain.

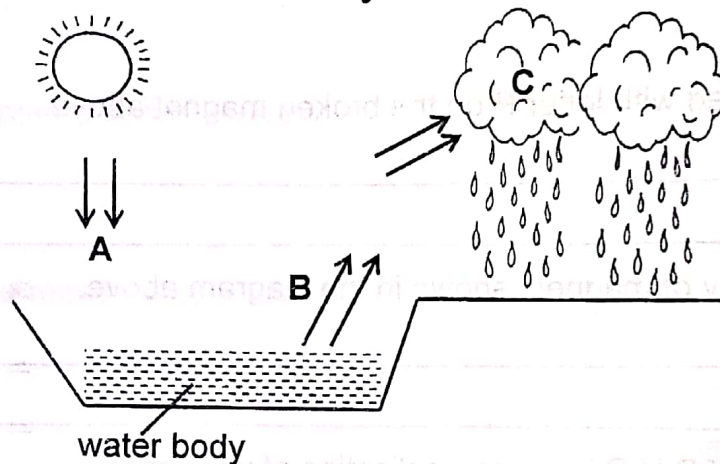
30. Why is it not necessary to put a lid on the hole of a ventilated improved pit latrine?

31. State the importance of saliva during digestion of food in human beings.

32. How is natural immunity acquired?

33. Give any one importance of keeping animals at home.

The diagram below shows a water cycle. Use it to answer questions 34 and 35.



34. Name the process taking place at point B.

35. Which cloud is marked C?

36. Give the term used to describe a person who has got an accident.

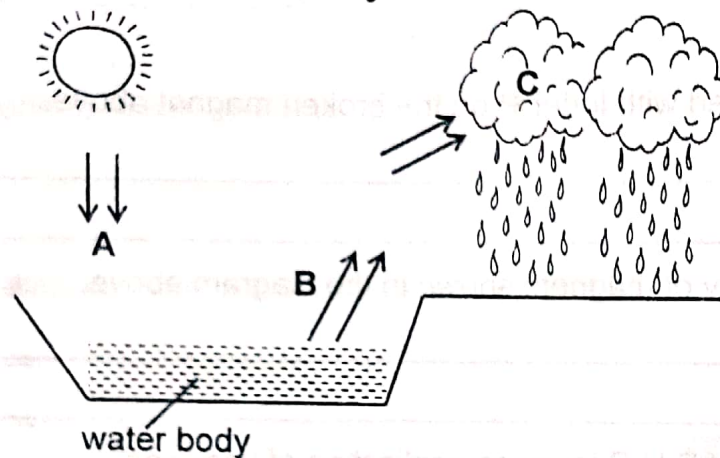
37. Apart from frogs, toads and salamanders give one other example of amphibians.

31. State the importance of saliva during digestion of food in human beings.

32. How is natural immunity acquired?

33. Give any one importance of keeping animals at home.

The diagram below shows a water cycle. Use it to answer questions 34 and 35.



34. Name the process taking place at point B.

35. Which cloud is marked C?

36. Give the term used to describe a person who has got an accident.

37. Apart from frogs, toads and salamanders give one other example of amphibians.

38. State the reason why light travels slowly in glass and water.
39. Which group of annual crops helps to prevent kwashiorkor in young children?
40. Name the garden tool commonly used for watering crops.

SECTION B (60 MARKS)

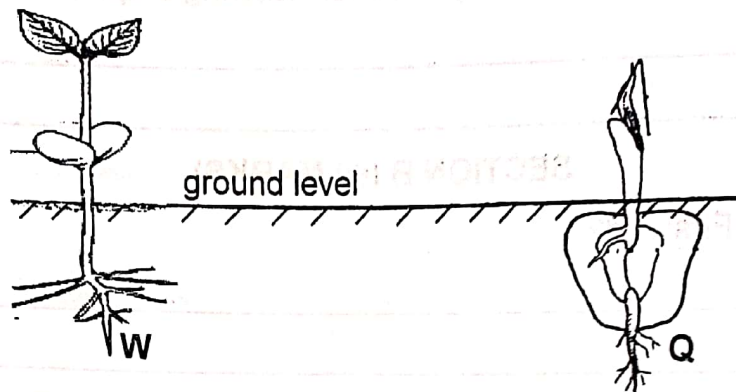
41. (a) What is First Aid?
- (b) Give any one type of accident one can experience on the way from school to home.
- (c) State any two reasons why we give First Aid.
- (i)
- (ii)
42. (a) Apart from removing dirt give other two ways of keeping our body clean.
- (i)
- (ii)
- (b) Give any two dangers of being unclean.
- (i)
- (ii)
43. (a) Name the part of the tooth which breaks hard bones.
- (b) Why is the pulp cavity a living part of the tooth?

(c) State any two activities done under oral health.

(i) _____

(ii) _____

44. The diagram below shows different germinating seeds. Use it to answer questions that follow.



(a) Name the type of germination shown in W and Q.

(i) W _____

(ii) Q _____

(b) Give any two conditions that help germination to take place in the above diagram.

(i) _____

(ii) _____

45. (a) Which type of force pulls objects towards the ground?

(i) _____

(ii) _____

(b) Name any one standard unit for measuring weights.

(c) Calculate the weight of the boy whose mass is 30kg.

(2mks)

46. (a) Name the bacteria that causes typhoid fever.

(b) How is the germ that causes typhoid fever spread?

(c) State any two ways of preventing the spread of the disease.

(i)

(ii)

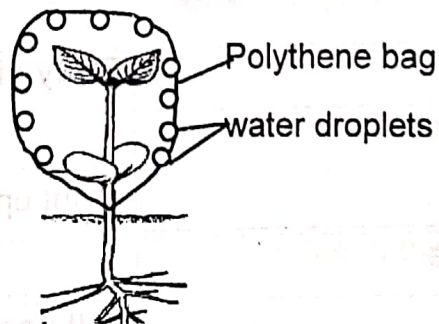
47. (a) Give the role of each of the following types of bees:

(i) Drones

(ii) Worker bees

(b) How is a queen excluder important in a modern bee hive?

48. The diagram below shows a process which takes place in plants. Use it to answer questions that follow.



(a) What does the experiment above show?

(b) Give the importance of the polythene bag in the experiment above.

(c) How are the water droplets formed?

(d) Apart from the above process shown above, name any other one process that takes place in plants.

49. (a) State any two methods of grazing goats and sheep.

(i)

(ii)

(b) Give the farm practice carried out in sheep that helps it to:-

(i) Control foot rot

(ii) Make mating easy

50. The table below shows a type of vaccine and the body site it is applied. Study and complete it correctly.

Type of vaccine	Body site
(a) Sabin polio vaccine	
(b)	Right upper arm.
(c) Measles vaccine	
	Left upper thigh

51. (a) Write down any two classes of the simple machines.

(i)

(ii)

(b) In which class of lever does a water pump belong?

(c) State any one way how pulleys are useful at school.

52. (a) Mention any two sources of natural sound.

(i)

(ii)

(b) Which state of matter does sound travel fastest?

(c) Give any one major methods of storing sound.

53. (a) Name the type of thermometer used to measure the human body temperature.

(b) Why does a doctor shake the thermometer hard before using it to the next patient?

(c) Mention any two liquids which can be used in thermometers.

(i)

(ii)

54. (a) State any one habit that may lead a person to get AIDS.

- (b) Give any two signs to show that an individual is suffering from AIDS.
- (i) _____
- (ii) _____
- (c) Suggest the best way of controlling the spread of AIDS.
- _____

55. Study the table with two lists below and use it to answer questions that follow.

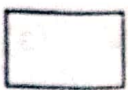
List M	List N
Goat	Crocodile
Whale	Dove
Lion	Frog
Rat	Tilapia

(a) What is the similarity in the way animals in list N reproduce?

(b) To which class of animals do those animals in list M belong?

(c) In which way is tilapia in list N similar to a whale in list M?

(d) What is common about animals in list M and list N?



END