



GOOD TIMES KAWAALA PRIMARY SCHOOL

PRIMARY SEVEN EXAMINATION, 2024

PRE -PLE (SET THREE)

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index NO.

Random No							Personal NO.		

Candidate's Name.....

Candidate's Signature.....

School Random No.....

District.....

Read the following instructions carefully:

FOR EXAMINER'S USE ONLY

1. This paper has two sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions.
2. Answer **all** questions. **All** the answers for **both** sections **A** and **B** must be shown in the spaces provided.
3. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil will **NOT** be marked except drawings and diagrams.
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**" and boxes inside the question paper.

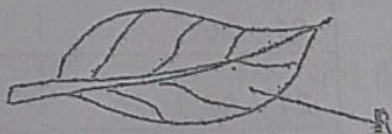
Qn. No	MARK	EXR'S NO.
1 – 10		
11 - 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 - 55		
TOTAL		

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each

1. Mention any **one** activity a person can do to prevent bad body odour.
.....
2. Give **one** example of an intestinal worm.
.....
3. How does mulching control soil erosion?
.....
4. How are red blood cells important in the human body?
.....
5. What do we call the growth movement of a plant towards light?
.....
6. State the process by which ice cream is formed.
.....
7. What happens to volume of water when heat is reduced from it up to below 0°C ?
.....
8. How can cattle farmers improve the quality of their local breeds?
.....
9. How can a person who cannot see far objects be helped to see clearly?
.....
10. Name the dangerous gas found in tobacco smoke.
.....
11. Mention **one** example of an energy resource in the environment.
.....
12. Why is a person suffering from gonorrhea advised to go with his or her partner for treatment?
.....
13. What name is given to the smallest basic unit of matter?
.....
14. Identify **one** pest that destroys maize crops.
.....

Use the diagram below to answer question 15



15. How is part marked **R** useful in a leaf above?
.....
16. Name the gas used in fire extinguishers.
.....
17. Give **one** way of propagating pineapples.
.....

18. How is mass different from weight?

19. Mention any **one** vaccine that is administered to babies at birth.

20. Why is it important for the farmer to keep records?

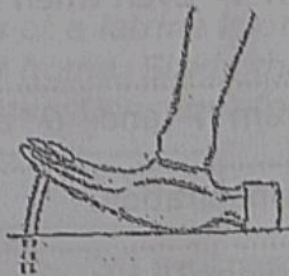
21. State **one** way the skin regulates body temperature on a hot day.

22. Suggest the best way of avoiding the contraction of sexually transmitted infections among teenagers.

23. Name **one** disease that attacks the white blood cells.

24. What important role is played by cilia in the nose?

The diagram below shows a lever. Use it to answer questions 25 and 26.



25. Under what class of levers does it belong?

26. How is a class of a lever determined?

27. State the function of hydrochloric acid found inside the stomach.

28. Which disorder of the digestive system is prevented by eating a lot of roughages?

29. Apart from protecting delicate body organs, give any other function of the human skeleton.

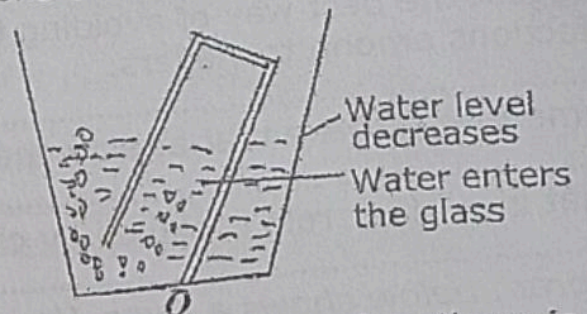
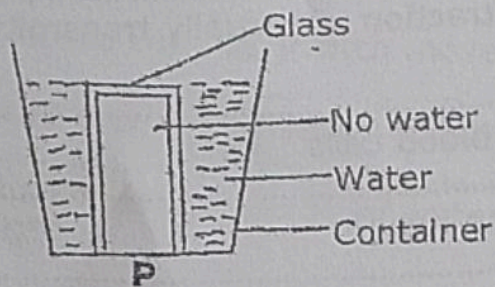
30. Name the organisms that act as producers in a food chain.

31. Why is aluminium preferred to other metals in making of air craft bodies?

32. Give **one** example of an animal whose body temperature changes with change in the temperature of the surroundings.

33. In the space provided below, draw a beak of a bird of prey.

Use the diagrams below to answer questions 34 and 35.



34. Why is there no water in the glass in diagram 'P' even when there is a lot of water in the container?
35. What experiment is being shown in the diagram 'P' and 'Q' above?
36. Mention **one** factor that affects the rate of transpiration.
37. Why is the wind pipe made up of rings of cartilage?
38. Identify **one** secondary sex characteristic common to both males and females.
39. Mention **one** natural cause of environmental degradation.
40. State **one** danger caused by presence of many industries in an area.

SECTION B (60 MARKS)

Questions 41. to 55 carry four marks each

41. (a) Give **two** examples of wood fuel.
- (i)
- (ii)
- (b) State **one** way of conserving wood fuel.
- (c) Why are plants called renewable resources?

42. (a) State the importance of each of the following administration of first aid.
- Splints
 - Arm sling.....
- (b) How is a sprain different from a strain?
- (c) What is the first aid for fever?

43. (a) How is seed dispersal different from seed germination?

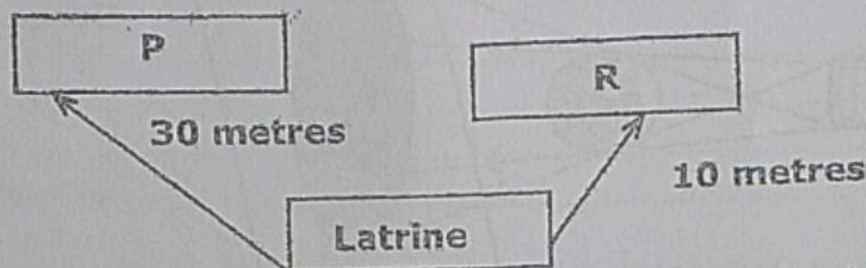
- (b) Give any **two** agents of seed dispersal.

(i)

(ii)

- (c) How is seed dispersal useful to plants?

44. Construction of a latrine is one way of maintaining or improving sanitation at home. Study the diagram below carefully and use it to answer the questions that follow.



- (a) Identify the items that are supposed to be constructed at P and R.
- P
 - R
- (b) Why should a pit latrine be 30 metres away from P?
- (c) Mention **one** health problem caused by lack of proper sanitation in the community.
45. (a) Mention any **two** methods of magnetization.
-
 -
- (b) Give **two** ways of increasing the strength of magnets made by electricity.
-
 -

46. (a) Write down any **two** causes of traffic accidents.

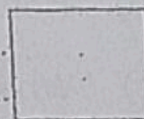
(i)

(ii)

(b) State **two** ways of controlling traffic accidents.

(i)

(ii)



47. (a) Name the group of musical instruments to which each of the following instruments belong;

(i) **guitar**

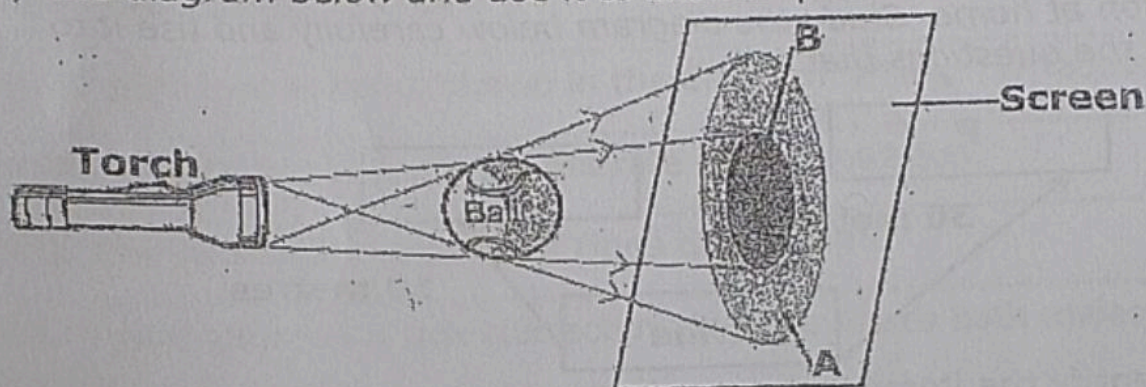
(ii) **saxophone**

(b) Give any **two** reasons why a school going child would learn to play a musical instrument.

(i)

(ii)

48. Study the diagram below and use it to answer questions that follow.



(a) Name parts **A** and **B**.

(i) **A**

(ii) **B**

(b) How is part marked **A** above formed?

.....

(c) Give any **one** factor that determines the size and shape of a shadow.

.....

49. (a) Give any **two** ways you can control the spread of cholera in your community.

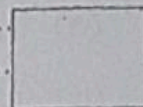
(i)

(ii)

(b) State the importance of a child health card to;

(i) **health worker**

(ii) school health committee



50. (a) How is poultry different from poultry keeping?

(b) Give **two** examples of poultry.

(i)

(ii)

(c) Mention **one** disease that affects poultry on a farm.

51. Match list P and Q correctly.

LIST P	LIST Q
(i) Vena cava	- Control back flow of blood
(ii) Anemia	- Carries blood back to the heart
(iii) Valves	- Promoting clotting of blood
(iv) Capillaries	- Lack of iron in the body
	- Smallest blood vessels.

(i) Vena cava

(ii) Anaemia

(iii) Valves

(iv) Capillaries

52. (a) Give **two** reasons why farmers should mulch their gardens.

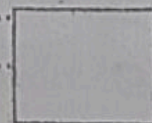
(i)

(ii)

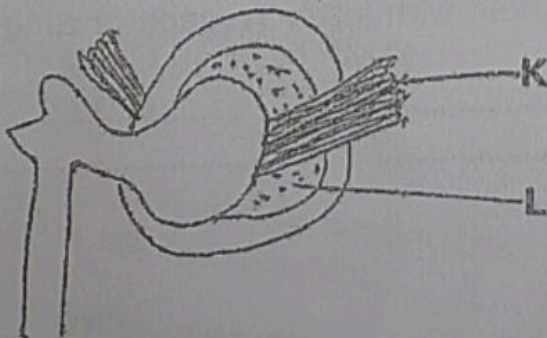
(b) Apart from mulching, state any **two** ways of controlling weeds in a garden.

(i)

(ii)



53. The diagram below shows a joint. Use it to answer questions that follow.



(a) What type of joint is shown in the diagram on page 7?

(b) Name the parts labeled;

(i) K

(ii) L

(c) How is this type of joint different from that which protects the brain?

54. (a) Suggest **one** way of preserving food at home.

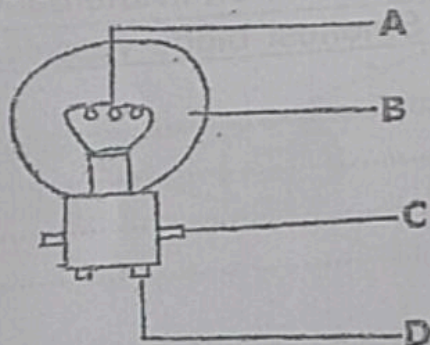
(b) State any **two** ways of achieving food security in your village / community.

(i)

(ii)

(c) Give any **one** importance of food security to a family.

55. The diagram below shows an electric bulb. Use it to answer questions that follow.



(a) Name **one** gas that can be used in the area marked B on an electric bulb above.

(b) Identify the part marked with letter C.

(c) How useful are the contacts marked with letter D?

(d) Explain why the filament marked with letter A made of tungsten and not copper.

END

