

# RUKUNGIRI DISTRICT PRIMARY SCHOOLS' EXAMINATION PANEL

**PRE-PLE MOCK 2024**

**INTEGRATED SCIENCE**

Time Allowed: 2 Hours 15 Minutes.

Index No

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Candidate's Name .....

Candidate's Signature .....

School Name: .....

District : .....

**Read the instructions very carefully.**

1. This paper is made up of **two** Sections; **A** and **B**.
2. Answer **all** questions. All answers to both sections must be written in the spaces provided.
3. All answers must be written using a blue/black pen or in ink.
4. Unnecessary crossing out of answers will lead to loss of marks.
5. Any illegible handwriting may lead to loss of marks.
6. Do not fill anything in the boxes shown;

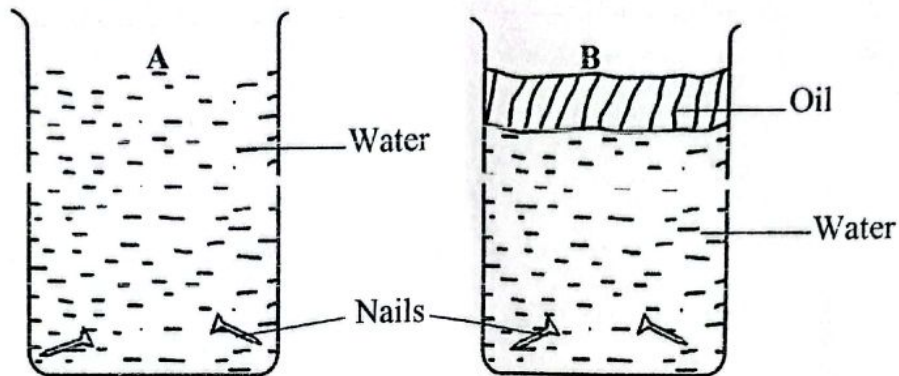
"Examiners' use only."

## FOR EXAMINERS USE ONLY

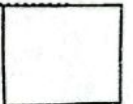
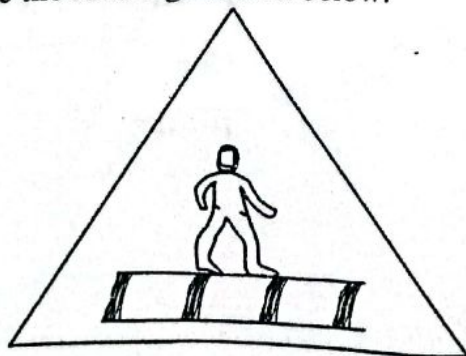
QN. No.	Marks	Sign.
1- 10		
11- 20		
21-30		
31-40		
41- 43		
44 -46		
47-49		
50-52		
53-55		
TOTAL		

1. Give any **one** example of poor health life style.  
.....
2. Which class of musical instruments produce sound by striking or beating them?  
.....
3. Name the resource in the environment that helps our bodies to make vitamin D  
.....
4. Identify any **one** important feature of a VIP latrine.  
.....

P5 class performed the experiment as shown in the diagram below, use it to answer questions 5 and 6.



5. State what was observed in container A after three days?  
.....
6. Give a reason why there was a difference in what was observed between container A and container B.  
.....
7. Which type of soil has poor water retention?  
.....
8. Name the small roots that start from the same point on the stem.  
.....
9. Name the condition of the day when we cannot see the sun.  
.....
10. Identify the set of teeth that begins to appear at the age of 6 to 7 years.  
.....
11. Name the road sign shown below.





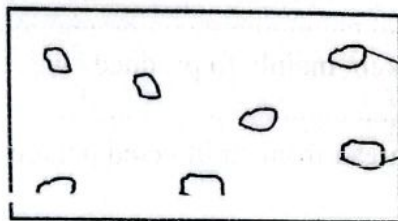
12. Mention any **one** part of the body where a hinge joint is located.

13. Name the example of levers that is usually a wooden plank balanced at its mid point.

14. How does one become a passive smoker?

15. State the name of the pure liquid obtained after distillation of impure liquid.

Study the diagram below and answer the question that follow.



Molecules spaced and move freely

16. Which state of matter is shown in the diagram above?

17. By what process does the bolus of food move down the oesophagus?

18. To which group of birds does a humming bird belong?

19. What are classes of food?

20. Give any **one** reason why physical exercises are important to the body.

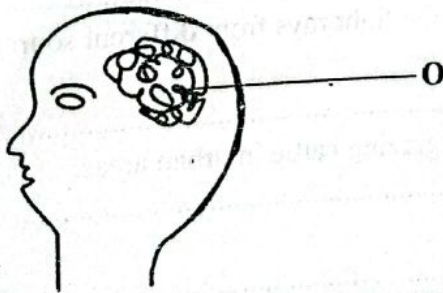
21. Name the layer of the skin that stops dirt, water and germs from entering our body.

22. What connects the foetus to the placenta during pregnancy?

23. How does heat rise through the water on a saucepan when we are boiling it?

24. Name the disease transmitted by itch mites to human beings.

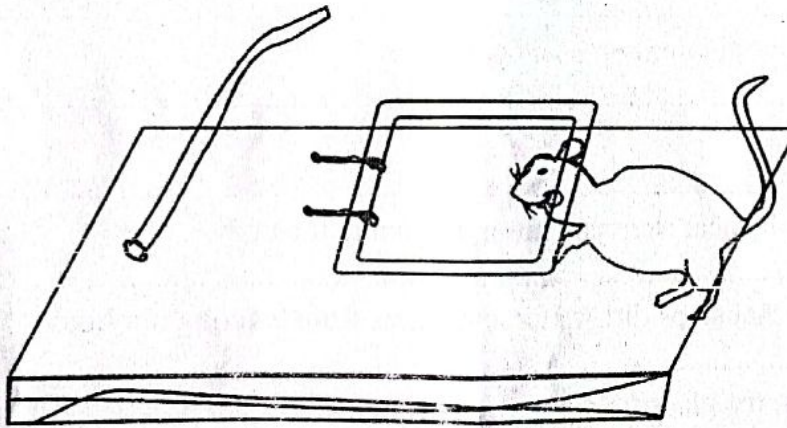
25. State any one function of the body organ shown in the diagram below by letter O





26. Identify any **one** way in which yeast is important to human beings.  
 .....  
 27. Name the degree of burn in which the skin is destroyed and appear shiny white.  
 .....  
 28. Identify any **one** example of permanent magnets made by man.  
 .....  
 29. What is biomass?  
 .....  
 30. By what process does oxygen pass through the walls of the alveoli?  
 .....  
 31. Name any one example of exotic breed of chicken kept mainly to produce eggs.  
 .....  
 32. Mention any one childhood immunisable disease spread from an infected person through air.  
 .....  
 33. State any **one** reason why crop farmers should keep farm records.  
 .....

Study the diagram below and answer the questions that follow



34. Name the method of preventing diseases spread by rats shown in the diagram above.  
 .....  
 35. Identify any one disease prevented using the method mentioned in no. 34 above.  
 .....  
 36. State any **one** way in which animals are important to plants.  
 .....  
 37. Name the type of beam of light where the light rays from different sources meet at a point.  
 .....  
 38. Mention the most common method of grazing cattle in urban areas.  
 .....  
 39. Give any **one** danger of short circuits.  
 .....



40. Which method of feeding a baby is best suitable for a mother who is a full time worker?

### SECTION B

41. (a) Use the list of foods below to answer questions that follow.

Pawpaw, cassava, beans, carrot, millet

(a) Identify **two** foods from the list that are best for workers like carpenters.

(i) .....

(ii) .....

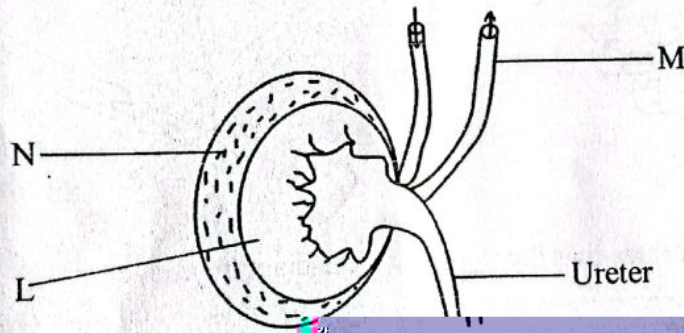
(b) Name any **one** leguminous crops in the list above.

.....

(c) Which food value is got from beans?

.....

42. Study the diagram below and answer questions that follow.



(a) Name the body organ shown in the diagram above.

.....

(b) Name the parts labeled M and L on the above organ.

(i) M.....

(ii) L.....

(c) State the function of part N to the above organ.

.....

43. (a) Give **two** objects which produce light naturally.

(i) .....

(ii) .....

(b) Mention the reason why one is not able to see around corners.

.....

(c) State the reason why the sound of an axe is heard after we have seen the axe strike when cutting a tree.

44. (a) Describe the term skeleton.

.....



(b) Name any one voluntary muscle attached to the upper limb.

(c) Mention two main types of a skeleton.

(i) .....

(ii) .....

45. (a) Name the energy resource that turns turbines to generate electricity.

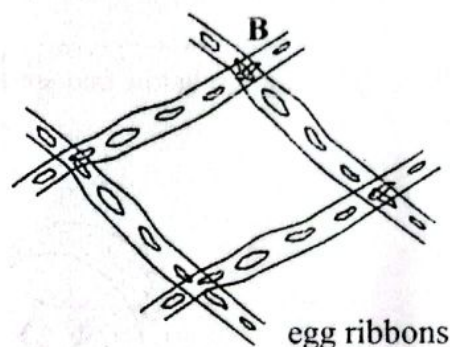
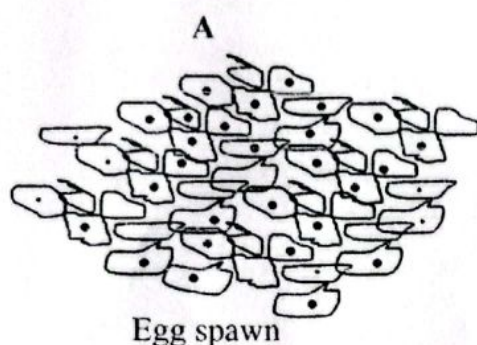
(b) Mention the type of energy produced by the following

(i) Uranium .....

(ii) Hot springs .....

(c) Which energy resource dug from the ground is formed from animals which lived million years ago?

46. Study the diagram below and answer question that follow.



(a) Name the class of vertebrates that lay the eggs in the diagram above.

(b) Identify the example of the organisms in the above class of vertebrates that lay eggs shown in

(i) A .....

(ii) B .....

(c) State the importance of the jelly like substance in the eggs above.

47. (a) What are essential drugs?

(b) Why is it not advisable to buy essential drugs from shops.

(c) State any two precautionary measures for proper storage of drugs.

(i) .....

(ii) .....

48. (a) Where does respiration take place in the body of an organism?

(b) Name the membrane that produces pleural fluid in the body.

(c) Give two reasons why it is advisable to breathe through the nose **not** in the mouth.

(i) .....

(ii) .....

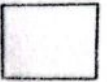


49. (a) Identify any **one** accident that may occur in the school compound.

.....  
(b) State any **one** way of reducing accidents at school.

.....  
(c) Give the reason why school children are advised to avoid playing on the road.

.....  
(d) Name any **one** component of the first aid kit.



50. (a) Point out any **two** practices that may help an individual to prevent communicable intestinal diseases.

(i) .....

(ii) .....

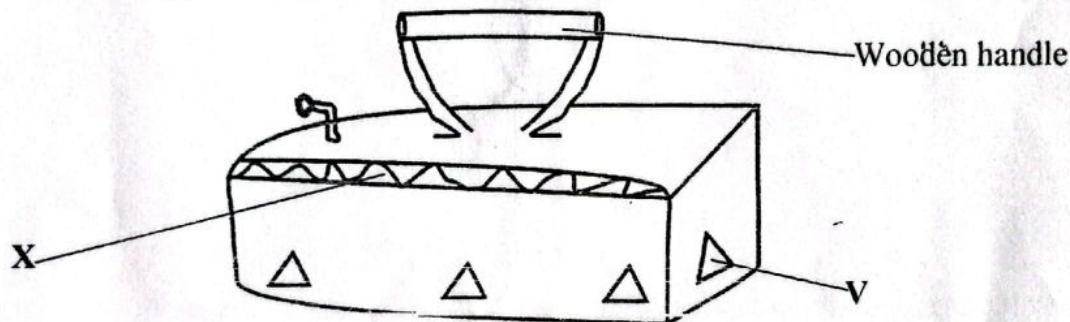
(b) Why is it necessary to treat communicable intestinal diseases early?

.....

(c) Name the most dangerous stage of diarrhoeal diseases to a patient.

.....

51. Use the diagram below to answer the questions that follow.



(a) Why is the handle made of wood?

.....  
(b) State the function of part marked X

.....  
(c) Which part of the house is similar to the part marked V on the diagram above?

.....  
(d) State the use of the above instrument in promotion of personal hygiene.

.....  
52. (a) Describe the growing practice that involves the growing of crops, keeping of livestock and planting of trees on the same farm.

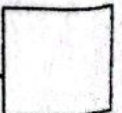
.....

(b) How can a farmer benefit from the practice mentioned in (a) above?

.....  
(c) Give **one** advantage of each of the following practices carried out on the farm.

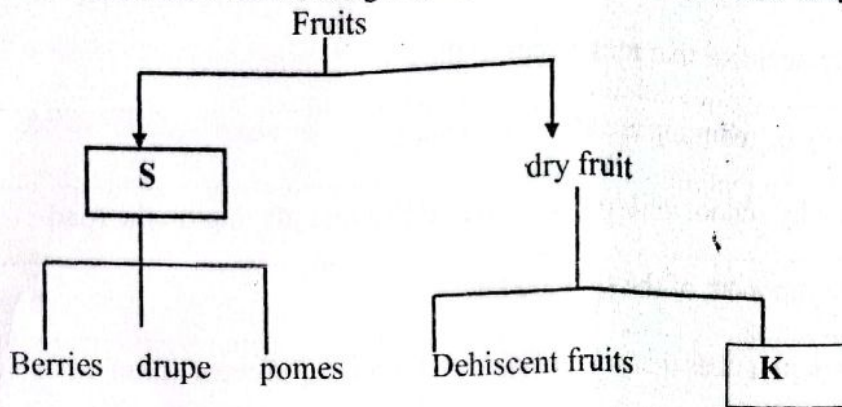
(i) Pruning

(ii) Thinning





53. The chart below shows the groups of fruits according to how they are classified.



(a) Name the group of fruits with later S and K

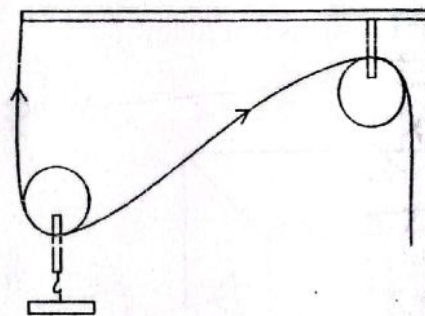
Letter S .....

Letter K .....

(b) From the above chart, give one example of fruits that belong to group K

(c) Which food value do we get after eating fruits in group S.

54. The diagram below shows a simple machine. Use it to answer the questions about it.



(a) Name the machine drawn above.

(b) By use of an arrow, indicate with letter P the position of the effort on the diagram above.

(c) State any two ways pulleys are used in day today life.

(i) ..... (ii) .....

55. (a) What is personal hygiene?

(b) State one way how a P.7 candidate can promote hygiene of the finger nails.

(c) How is a handkerchief important in promoting personal hygiene?

(d) What go wrong if a P.7 candidate becomes a failure in promoting oral hygiene?

END