



# RAPHA EXAMINATIONS BOARD

## P.7 EXAMINATIONS 2024

### REAL MOCK SET 1

#### SCIENCE

Tel: 0778710993

Email: [raphaexaminationsboard@gmail.com](mailto:raphaexaminationsboard@gmail.com)

Time allowed: 2 hours 15 minutes



Random No.						Personal No.		

Candidate's Name: .....

Candidate's Signature : .....

District Name: .....

Read the following instructions carefully:

1. The paper has two sections: **A** and **B**.
2. Section **A** has **40** questions (40 marks)
3. Section **B** has **12** questions (**60 marks**)
4. Answer all questions. All answers to both Sections **A** and **B must** be written in the spaces provided.
5. All answers must be written using a **blue** or black **ball** point **pen** or **ink**. Diagrams should be drawn in pencil.
6. **Unnecessary** changes in your work may lead to loss of marks
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the table indicated:

"FOR EXAMINERS' USE ONLY" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No	MARKS	EXR'S No.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

Email: [raphaexaminationsboard@gmail.com](mailto:raphaexaminationsboard@gmail.com)

## SECTION A: 40 MARKS

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

1. What is photosynthesis?

.....

2. Identify one water borne disease you know .

.....

3. Which virus cause rabies in dogs?

.....

4. Write **one** role played by a school health committee in the control of ringworms at school.

.....

5. State one reason why sound is referred to as a form of energy.

.....

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

.....

7. What is Agro-forestry?

.....

8. Mention any one wild non ruminant you know.

.....

9. Identify any one example of animal's freedom .

.....

10. Name any one common disease in rabbits.

.....

11. Mention one process that takes place in the body cells

.....

12. Give the difference between a ban and a scald.

.....

13. Which structure holds the ribs in position in the human body?

.....

The diagram below shows one of the equipment used on a sports pitch.  
Use it to answer questions **14** and **15**.



14. State the importance of the above equipment on a football pitch.

.....

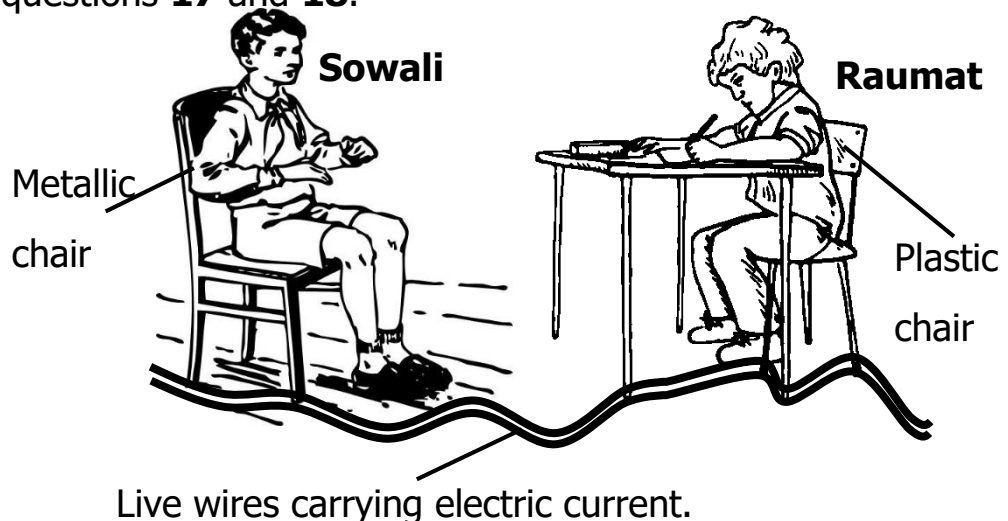
15. Why is the above item made of bright colours?

.....

16. Define the term scolex as used in worm infections .

.....

The diagram below shows two boys, **Raumat** and **Sowali** seated on different materials, one metallic chair and the other plastic. Study it and answer questions **17** and **18**.



17. Who of the two boys will be shocked by electricity?  
.....
18. Give a reason to support your answer in (17) above.  
.....
19. Which part of an egg develops into a chick?  
.....
20. Name the best food for a three-months old baby.  
.....
21. How are birds similar to mammals?  
.....
22. Why do plants absorb water from the soil?  
.....
23. Name any one animal product used in cloths making in industries.  
.....
24. State the function of white blood cells in the body.  
.....
25. What is volume of sound?  
.....
26. Give any one example of a rodent.  
.....
27. Which class of food is used in the production of body cells?  
.....
28. How does a sheep benefit from the docking practice?  
.....



29. Write down **one** cause of tooth decay in some individuals .

.....

30. Name the substance in tobacco smoke which stimulates the releases of dopamine in the body.

.....

31. How is soil useful to animals?

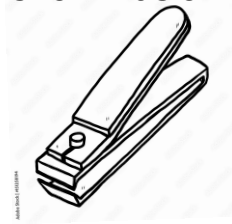
.....



32. Name the intestinal worm which feeds by diffusion.

.....

33. Give **one** use of the item shown below in promoting personal hygiene.



.....

34. Which juice is produced in the gull bladder ?

.....

35. Of what use is the nectar collected by bees from different flowers?

.....

36. Point out one indicator of malnutrition in babies.

.....

37. How useful is a tendon in the muscular skeleton?

.....

38. How do birds benefit from their hollow bones?

.....

39. Which virus causes malaria to people?

.....

40. How useful are house flies in the community?

.....



## SECTION B: 60 MARKS

Questions **41** to **55** carry four marks each.

41. (a) Give any two ways plants depend of non living things.

(i) .....

(ii).....

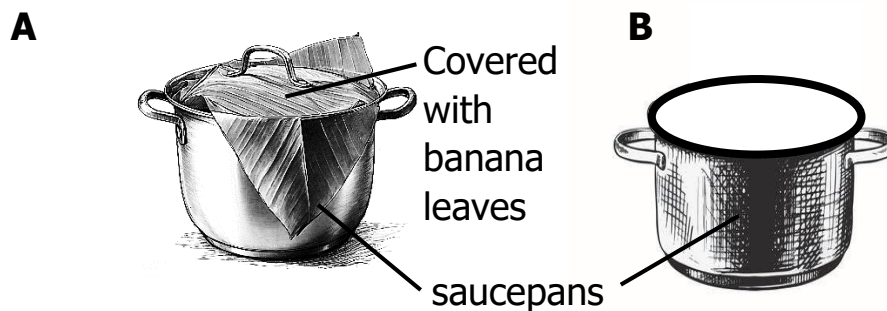
- (b) Write any **one** source of wood.

.....

- (c) How has NEMA helped to conserve the environment?

.....

42. The diagrams below show **two** different saucepans **A** and **B** containing raw food. Study them carefully and answer the questions that follow.



- (a) In which of the above diagrams will food be cooked faster.

.....

- (b) Give a reason to support your answer.

.....

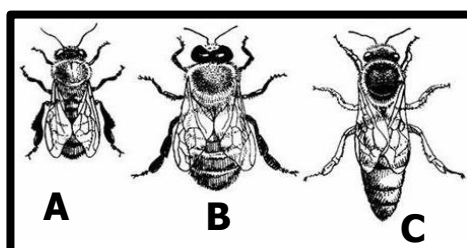
- (c) By what process does heat reach the raw food through the saucepan.

.....

- (d) Besides cooking, give **one** other importance of heat in our daily life.

.....

43. Below, are different types of honey bees. Use them to answer the questions that follow.



(a) Which of the above bees lays eggs in the hive?

.....

Write any **two** duties of a worker bee in a hive.

(i) .....

(ii) .....

(b) What food value do we obtain from eating honey?

.....

44. Match the following elements of PHC to their activities correctly.



**A**

**B**

Water and sanitation

dental flossing.

Maternal and child health

draining stagnant Water.

Family planning

prolonged breast feeding.

Oral and dental health

immunizing pregnant

women with T.T Vaccine.

(i) Water and sanitation.....

(ii) Maternal and child health.....

(iii) Family planning.....

(iv) Oral and dental health .....

45. (a) What is PHC?

.....

(b) Identify two activities that are carried out in a home to promote PCH.

(i) .....

(ii).....

(c) What element of PHC can be promoted through brushing teeth?

.....

46. (a) Write **PIASCY** in full.

.....

**Turn Over**

(b) Give two way PIASCY messages have helped the youth in your school.

(i) .....

(ii).....

(c) Write the **PIASCY** message which helps to the prevent **HIV/AIDS**.

.....

47. The diagram below shows a skull of a certain mammal. Use it to answer the questions that follow.



(a) To which sub class of mammals does animals with such a skull belong?

.....

(b) What kind of food do such mammals feed on?

.....

(c) How is an animal with such a skull adapted to its mode of feeding?

.....

(d) Give **one** example of an animal with such a skull.

.....

48. (a) What is static electricity?.

.....

49. Write two communicable diseases?

(a).....

(b).....

50. What are communicable disease?

.....

51. (a)Identify one use of flowers to plants.

.....

(b)What a flower?

.....



(c) How useful is are stigmas to plants?

.....

50. (a) What is conduction?

.....

(i) How is conduction useful in a home ?.

.....

(ii) Why is wood used on the handle of an axe ?

.....

(b) Give **two** used of wood as a resource.

(i) .....

.

(ii).....

51. (a) Balyejusa was burnt by hot water,What type of injury did he sustain?

(i) .....

(ii).....

(b) What first aid is suitable for such an injury?

.....

(c) State one way how such an accident can be prevented at home.

.....

52. (a) Why are rabbits given a block of salt to lick?

.....

(b) Opodo's rabbits have difficulty in breathing. Which disease are they suffering from?

.....

(c) Mention **two** advantages of keeping rabbits over cattle.

(i) .....

**Turn Over**

(ii) .....

53. (a) Mention two laws on alcohol use.



(i) .....

(ii).....

54. (a) Name the method used to produce alcohol at high concentration.

.....

(b) Mention one source of sugar used in the making of alcohol.

.....

54. (c) Point out any two ways how excessive drinking of alcohol can be dangerous to one's health.

(i) .....

(ii).....

55. (a) What is photosynthesis ?

.....

(b) How is photosynthesis useful to Mr.Rapha who is an athlete?

.....