



RAPHA EXAMINATIONS BOARD

" Education is an investment"

P.5 STANDARD EXAMINATIONS SET **17**

INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

Pupil's Name:.....

Pupil's Signature:.....

School Name:.....

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 **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 a 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		

BUZIGA: +256-778710993

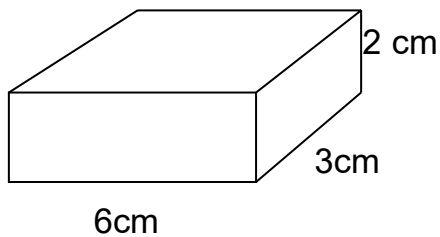
TURN OVER

8. Mention one element of weather.

9. Why is carbon dioxide used in fire extinguishers?

10. How is a rain gauge important to a farmer?

11. Find the volume of the box below.

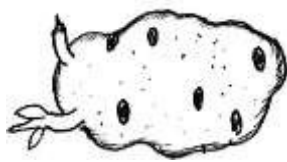


12. Name the bone which protects the brain.

13. In which way is a sprain different from a strain?

14. Identify one way in which plants are useful to animals.

15. Below is a diagram of an Irish potato. State the method you can use to find the volume of this potato.



16. Suggest one use of a school garden to pupils.

17. Give one use of a granary to people in a home.

18. Why is a bee called a social insect?

The diagram below shows part of a flower. Use it to answer question 19.



19. What name is given to the part of the flower shown?

20. What is kindling in rabbit keeping?

21. Name one plant that stores its food in the roots.

22. State the use of sunlight during photosynthesis.

23. Give the main reason for giving First Aid.

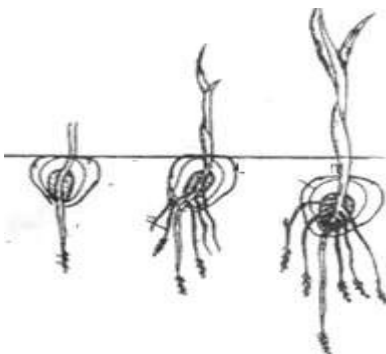
24. Give the use of a doctor's thermometer.

25. Why are petals of most flowers brightly coloured?

26. Name the clouds which are very important to a farmer.

27. Give one reason why we eat food.

The diagram below is of a germinating maize grain. Study it carefully and answer questions 28 and 29.



28. What type of germination is shown?

29. Under what group of seeds does the above seed belong?

30. Mention one immunisable disease which affects the skeleton.

31. What is a crop pest?

32. Write P.H.C in full.

33. Complete the life cycle of a cockroach.



34. Fish is to fry as _____ is to a kit.

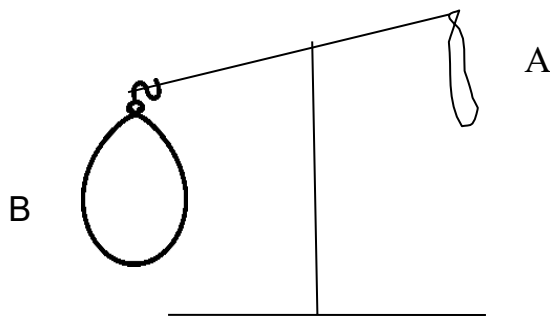
35. Name the sense organ used for smelling.

36. Give one way we can take care of our teeth.

37. Why is loam soil the best for crop growing?

38. Give one cause of road traffic accidents.

Study the experiment below and answer questions 39 and 40



39. Which of the balloons A and B is heavier?

40. Give a reason for your answer in question 39 above.

SECTION B

41. Name the things used when carrying out the following health practices.

- (a) Combing hair _____
- (b) Brushing teeth _____
- (c) Bathing _____
- (d) Keeping fingernails short _____

42a) Name the garden tool which is used for transplanting.

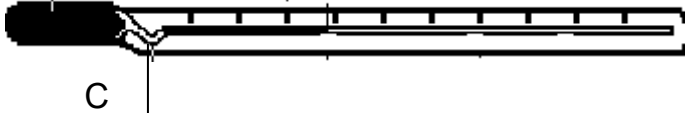
(b) What is a seedling?

(c) Name any two crops that are first planted in a nursery bed.

i) _____

ii) _____

43. Study the diagram below and answer questions 43a – d



(a) Name the instrument shown above.

(b) Name part marked C.

(c) Give one reason why mercury is used in the above instrument.

(d) What is the normal body temperature of a human being ?

44. Match the vectors and the diseases they spread correctly

Vectors	Diseases
(a) Housefly	sleeping sickness
(b) Anopheles mosquito	elephantiasis
(c) Tsetse fly	malaria
(d) Culex mosquito	cholera
	meningitis

- (a) Housefly _____
- (b) Anopheles mosquito _____
- (c) Tsetse fly _____
- (d) Culex mosquito _____

45a) What is an accident?

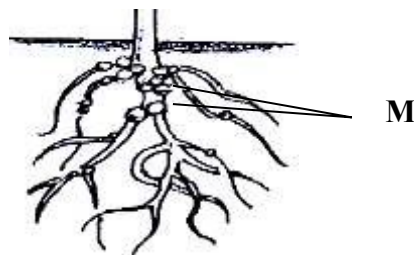
(b) Name two common accidents which occur at home.

i) _____

ii) _____

(c) How do the humps control road accidents?

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



(a) Name the features marked with letter M.

(b) What general name is given to crops with such features on their roots?

(c) What is the use of the features marked M to the plant?

(d) Name one plant with such features on its roots.

47a) What scientific term is used to mean diseases caused by lack of food values in the body?

(b) Name any two diseases caused due to poor feeding.

i) _____

ii) _____

(c) What can we do to prevent the diseases mentioned above?

48. The diagram below is of a tree and the sun at sunrise. Study it and answer the questions that follow

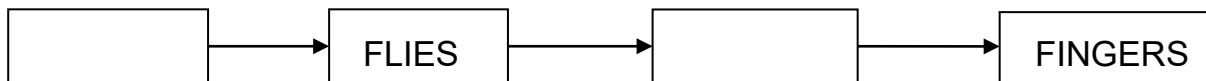


- (a) On the picture above, draw the shadow of the tree.
(b) According to the picture, what part of day time is it?

- (c) Give two uses of the sun in our environment.

i) _____
ii) _____

- 49a) The boxes below represent the 4Fs. Complete them correctly.



- (b) Give any two diseases spread through the 4Fs.

i) _____
ii) _____

- 50a) What are germs?

- (b) List any two types of germs.

i) _____
ii) _____

- (c) How are germs different from vectors?

51a) What is poultry?

(b) Mention two types of poultry.

i) _____

ii) _____

(c) Give one protozoan disease in poultry.

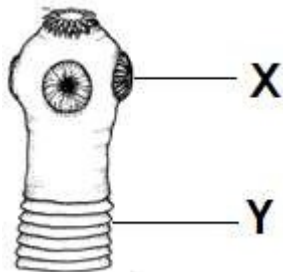
52a) Why do some farmers keep rabbits?

(b) Name a female rabbit.

(c) Give one exotic breed of rabbits.

(d) What is the home of a wild rabbit?

53. The diagram below shows part of a worm. Study it and answer questions that follow



(a) What name is given to this worm?

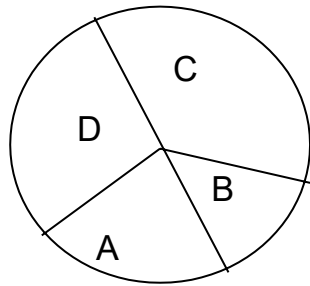
(b) Name parts X and Y.

X _____

Y _____

(c) How does the worm shown above enter our bodies?

54. The chart below shows a composition of air in the atmosphere. Study it carefully and answer the questions that follow



- (a) Name the gases marked with letter A, B and D.
- i) A _____
- ii) B _____
- iii) D _____
- (b) Identify the gas which occupies the largest space.

55a) What is an apiary as used in bee keeping?

- (b) Name the sterile bee in a hive.

- (c) Which food value do we get from eating honey?

- (d) Of what use is propolis in bee keeping?

END