



OUTREACH SCHOOLS EXAMINATIONS BOARD

END OF TERM II EXAMINATION 2023

P.6 INTEGRATED SCIENCE

Time Allowed: 2hours 15 Minutes

Pupil's Name:

Class:

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 15 questions (50 marks)
4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
5. 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 diagram.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated
"For examiners' use only" and the 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		

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Turn Over

SECTION A (40 MARKS)

1. Name the accident that results from sharp edges.

2. Give the best way to care for your teeth.

3. Mention any one example of a local bee hive.

4. How many teeth does an adult have in the permanent set?

5. Why are snails grouped under invertebrates?

6. Why is sound considered as a form of energy?

7. Which component of the circulatory system works like a fuel pump?

8. Write down the chemical found in tobacco smoke that is a stimulant.

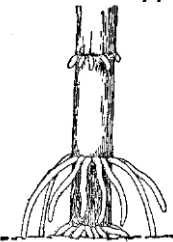
9. Identify any one of the principles of Primary Health Care.

10. Mention any one garden pest that attacks cereal crops.

11. Why should pit latrines be constructed at least 30m away from any water source?

12. Diarrhoea is a disease caused by bacteria. State any one way of preventing in your home.

13. Name the type of secondary root drawn below.



14. In what one way can poisoning be avoided by a P.6 pupil at their home?

15. How does ironing of the clothes help to prevent skin diseases?

16. Name any one common food taboo in the society.

17. Why do objects have less weight in water than in air?

18. Give any one disorder of the human teeth.

19. Name the type of skeleton where an organism's body shape is maintained by fluids.

20. How do human beings produce sound?

21. What is the scientific name of white blood cells?

22. Identify any one common drug used in your society.

23. What type of germination do peas undergo?

24. Apart from diarrhea, list any other disease that results due to poor sanitation.

25. Mention any one example of fungi besides mushrooms.

26. Using a diagram, show how plants with weak stems climb others by clasping.

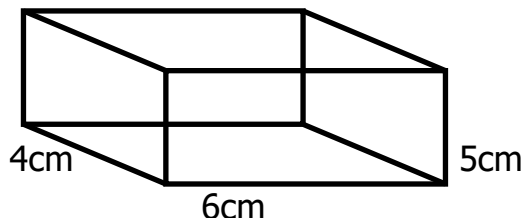


27. What are foreign bodies?

28. State the contribution of the flies in the 4F's germ path.

29. Identify any one sign of kwashiorkor in children.

30. Calculate the space occupied by this object.



31. Give the use of honey chambers in a modern bee hive.

32. How dangerous are tape worms in the human body?

33. List any one example of percussion musical instruments apart from drums.

34. Identify any one way used to keep the circulatory system in a health working condition.

35. Mention any one drug commonly abused by sniffing.

36. In which one way can an individual promote Primary Health Care?

37. Describe any one quality of a good seed selected for planting.

38. State any one cause of malnutrition in adults.

39. Name any one poultry disease spread through air.

40. What type of fertilization do mammals undergo?

SECTION B

41. Why should the following first aid be given to casualties?
a) Plenty of fresh milk in case of corrosive poisoning.

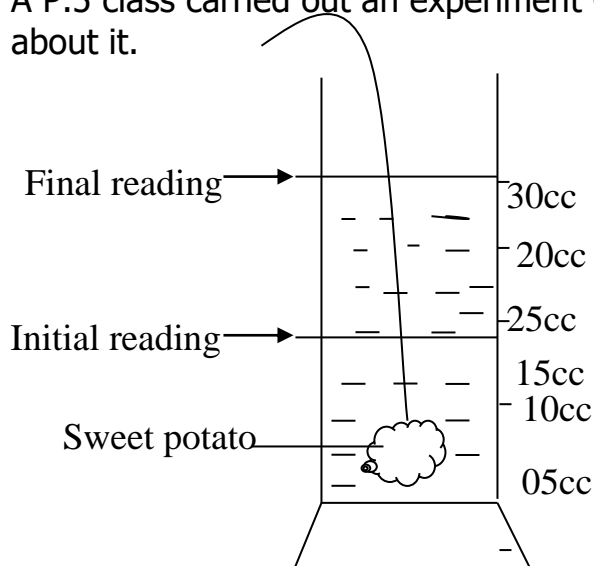
b) Tying tourniquet in case of snake bites.

c) Tying splints in case of fracture.

d) Putting cold piece of cloth in case of burns.

42. (a) How are these food values (nutrients) useful in our bodies?
i) Proteins: _____
ii) Vitamin A _____
iii) Carbohydrates _____
(b) State any one activity done in the village food path.

43. A P.5 class carried out an experiment GQ illustrated below. Answer the questions that follow about it.



(a) What type of object is a sweet potato as used in the above experiment?

(b) Work out the volume of the sweet potato using the readings above.

(c) Differentiate between mass and weight.

44. (a) What are the two major breeds of poultry kept in Uganda?

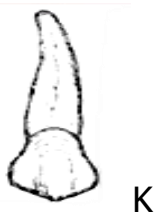
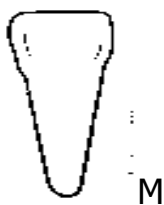
(i) _____ (ii) _____

(b) Give any two economic values of rearing poultry to people.

(i) _____

(ii) _____

45. Below are two different types of human teeth. Use them to answer the questions that follow.



(a) Name the types marked M and K

i) M _____

ii) K _____

(b)How is each adapted to the function it performs?

M _____

K _____

46. Identify any two unique characteristics that belong to only insects and arachnids respectively.

(a) Insects

(i) _____

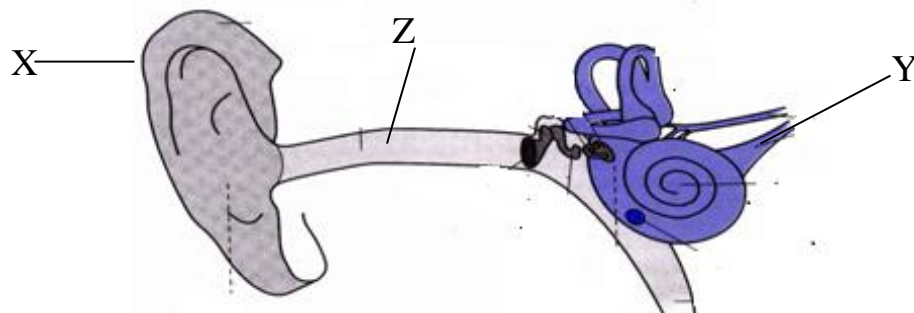
(ii) _____

(b) Arachnids

(i) _____

(ii) _____

47. **The diagram below shows the mammalian ear. Study and use it to answer the questions that follow.**



(a)Name the part labeled Y.

(b)What is the function of part labeled X?

(c)State the role played by the wax found in part labeled Z.

(d)Using letter "R" show the cochlea.

48. (a) Give any two reasons why many Ugandans give for drinking alcohol.

(i) _____

(ii) _____

(b) What two dangers may result from over consumption of alcohol to an individual?

(i) _____

(ii) _____

49. (a) Mention the germs that cause the following diseases of blood.

i) AIDS _____

ii) Malaria _____

(b) Outline any two differences between arteries and Veins.

(i) _____

(ii) _____

50. (a) Which Primary Health Care element is promoted by;

i) Eating balanced diet: _____

ii) Keeping finger nails short: _____

iii) Cleaning sources of water: _____

(b) Mention any one service pregnant women receive from health centres during antenatal care.

51. (a) Apart from mulching, what other activities can farmers carry out in order to care for crops in the garden?

(b) What two benefits come as a result of mulching a crop garden?

(i) _____

(ii) _____

52. Why is it important to have these requirements in a house?

(a) Rubbish pits: _____

(b) Dustbins: _____

(c) Pit latrines/toilets: _____

(d) Drying rack (plate stand): _____

53. (a) Give any two uses of fungi to people in the society.

(i) _____

(ii) _____

(b) How do the following examples of fungi reproduce?

i) Yeast: _____

ii) Toad stool: _____

54. (a) Outline any three functions of leaves to plants.

(i) _____

(ii) _____

(iii) _____

(b) Mention any one example of a compound leaf.

55. (a) Give a reason why the activities are categorized accordingly as changes

i) Melting wax as a physical change

ii) Decomposition of dead matters as a chemical change.

(b) List any two examples of biological changes.

(i) _____

(ii) _____

END