



# PEAK EDUCATION SERVICES – NAKABUGO

## BEGINNING OF TERM II EXAMINATIONS 2025

P.6 INTEGRATED SCIENCE

***Time Allowed: 2 hours 15 minutes***

**Pupil's name:** .....

**Pupil's Signature:** .....

**School Name:** .....

**District name:** .....

### Read the following instructions carefully:

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 working for both Sections **A** and **B** must be shown in the spaces provided.
3. **All** the working **must** be done using a **blue** or **Black** ball point pen or ink.
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'**

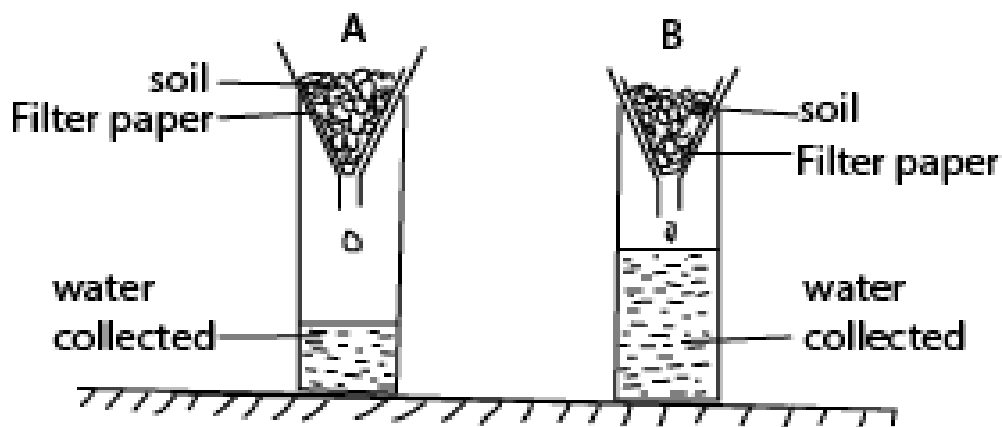
FOR EXAMINERS' USE ONLY		
PG.NO.	MARKS	INIT.
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
Page 9		
Page 10		
Page 11		
<b>TOTAL</b>		

## SECTION A: 40 MARKS

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

1. State any one example of a wingless insect.  
.....
2. Name the part of a flower that is responsible for production of pollen grains.  
.....
3. How is liver important during digestion of food?  
.....
4. What do you understand by the term **matter**?  
.....
5. State one similarity between fish and reptiles.  
.....
6. How do white blood cells defend the body against disease causing germs?  
.....
7. Mention any one example of a root tuber.  
.....
8. Name any one disease that may attack a family due to poor sanitation.  
.....

Equal amount of water were poured into soil **A** and **B** as shown below.



9. Give a reason why more water drop from soil **B** than soil **A**.

.....

10. How is soil type **A** useful to people?

.....

11. What do you understand by the term first aid?

.....

12. State the way in which sugar cane plant is propagated.

.....

13. How are canine teeth adapted to their function of tearing food?

.....

14. Give a reason why a maize grain is referred to as a fruit.

.....

15. How is the egg shell able to allow gaseous exchange in an egg?

.....

16. Identify any one main part of an insect.

.....

17. Give one danger of putting on dirty cloth.

.....

18. Identify the type of immunity babies get from breastfeeding.

.....

19. Give one quality of a good goat house on a goat farm.

.....

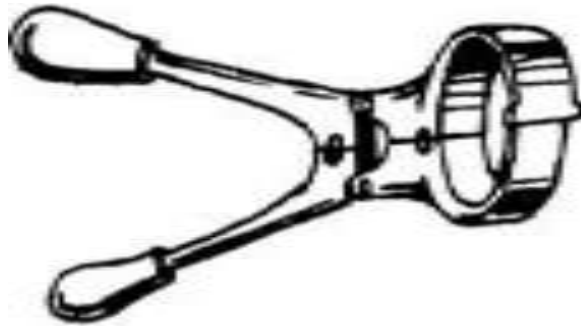
20. Name the property of air the ball below posses.



.....

21. How do we call the scientific term of an adult insect?  
.....
22. Why is wood used to make handles of frying pans?  
.....
23. Name the common disease that attacks both rabbits and domestic fowl.  
.....
24. Mention one type of alcohol.  
.....
25. Write down one way of preventing echoes in a cinema.  
.....
26. Give a reason why spider is not grouped under insects.  
.....
27. How are soil pollutants dangerous to soil living organisms?  
.....
28. State one use of latrines to people.  
.....
29. Name one type of manure.  
.....
30. Identify any one form of energy.  
.....
31. Write down one effect of contraction on objects.  
.....
32. Differentiate between plants and fungi.  
.....

Study the diagram below and use it to answer questions **33** and **34**.



33. Give the function of the above tool to a goat keeper.

.....

34. How is the above tool adapted to its function?

.....

35. State one example of a cold blooded vertebrate with a body cell.

.....

36. Identify any one way of preventing waterborne diseases at home.

.....

37. How is a jacket important to school children?

.....

38. Name any one instrument used in measuring volume of irregular objects.

.....

39. Apart from crop rotation, write one any other way crop farmers control pests in a garden.

.....

40. Identify one group of persons who conduct health parade at school.

.....

## SECTION B: 60 MARKS

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

41. (a) Give two importance of performing physical exercises.

(i) .....

(ii) .....

(b) State two importance of getting enough rest and sleep.

(i) .....

(ii) .....

42. (a) Define the term agroforestry.

.....

.....

(b) Mention three reasons why some farmers practice agroforestry.

(i) .....

(ii) .....

(iii) .....

43. (a) Write down two ways how the stomach is important during digestion of food?

(i) .....

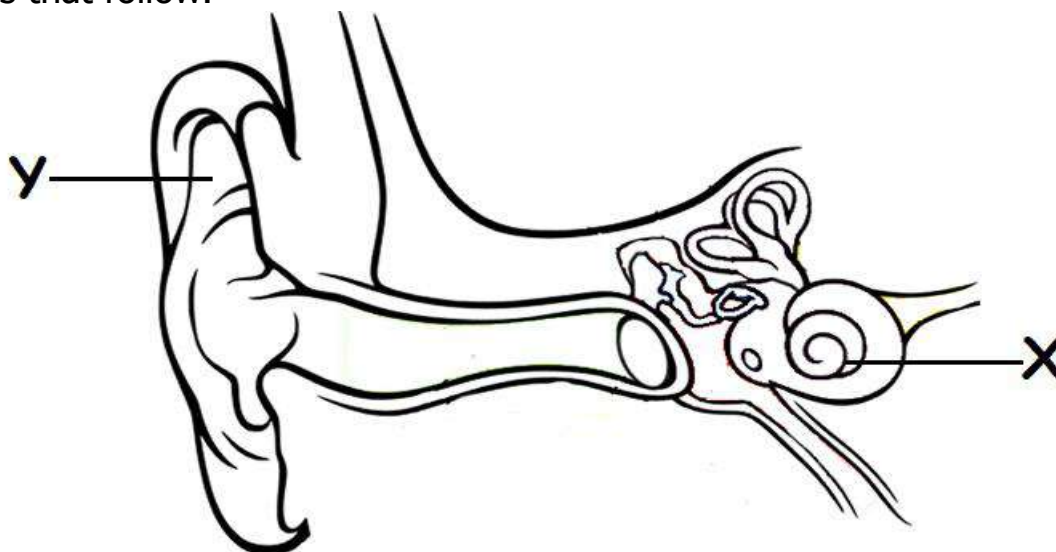
(ii) .....

(b) Identify two substances that are absorbed in the stomach.

(i) .....

(ii) .....

44. The diagram below shows mammalian ear. Study it carefully and use it to answer questions that follow.



- (a) Name the part of the ear marked with letter **X**.

.....

- (b) How adapted is part **Y** of the ear to its function?

.....

- (c) Identify the part of the ear that transforms sound waves to vibrations.

.....

- (d) Give the fungal disease that affects the mammalian ear.

.....

45. (a) Identify two qualities of a good home.

(i) .....

(ii) .....

- (b) Mention any two elements of a good home.

(i) .....

(ii) .....

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

.....

.....

(b) State the main reason why **ORS** is given to a dehydrating person.

.....

(c) Name the solutes used to make **ORS**.

(i) .....

(ii) .....

47. (a) What is an essential drug?

.....

.....

(b) Give one example of essential drugs.

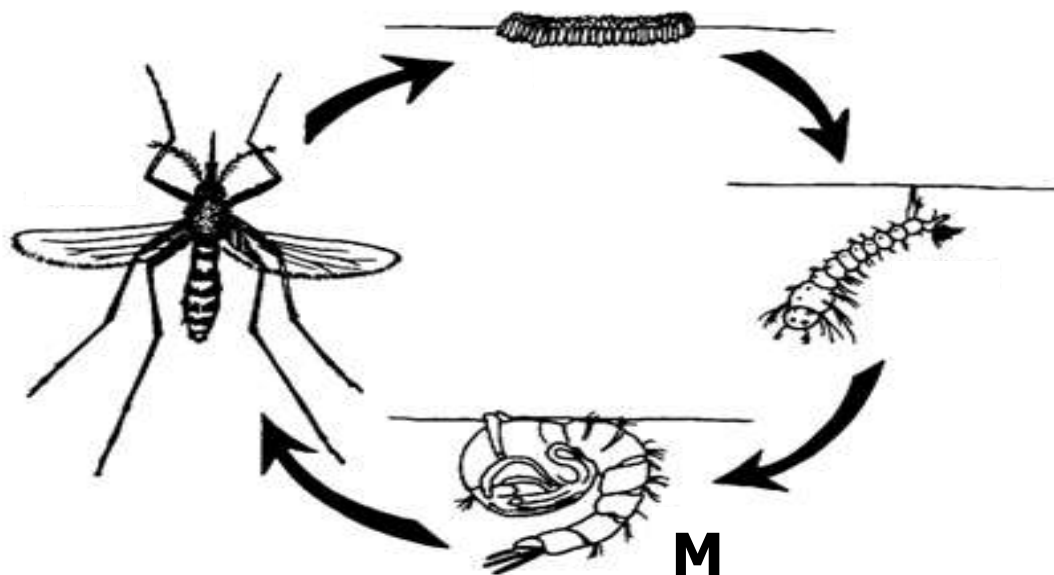
.....

(c) State two qualities of essential drugs.

(i) .....

(ii) .....

48. Diagram below shows life cycle of a type of mosquito. Use it to answer questions that follow.



(a) Identify the type of mosquito whose life cycle is shown in the diagram above.

.....

(b) Name the stage of the life cycle marked **M**.

.....



(c) In which two ways can we best prevent mosquitoes in our homes?

(i) .....

(ii) .....

49. (a) Identify any two signs of a doe on heat on a rabbit farm.

(i) .....

(ii) .....

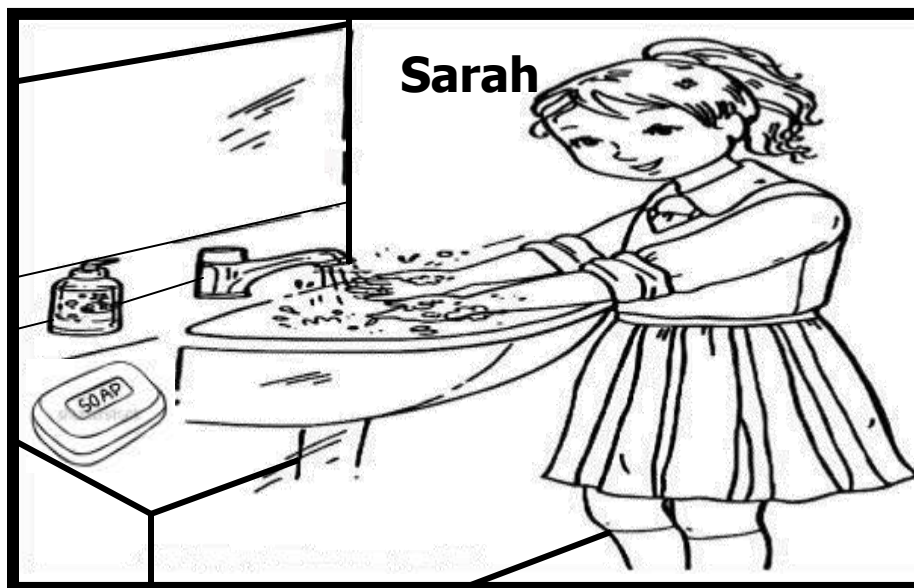
(b) State the gestation period for a doe.

.....

(c) Mention one food stuff used to feed rabbits.

.....

50. The diagram below shows a health practice done by Sarah at home. Use it to answer questions that follow.



(a) Identify the health practice Sarah is carrying out in the diagram above.

.....

(b) Give a reason why Sarah is doing the above health practice.

.....

(c) When do you think Sarah might have possibly done this health practice?

.....

- (d) Identify any one disease Sarah is likely to suffer from if she does not carry out the above activity daily.
- .....

51. Match list **A** to list **B** correctly.

### List A

Razor blade

Safety pins

Pair of scissors

Bandage

### List B

Used to cut bandage and gauze.

Used to tie broken bones.

Used to cut remaining skin on a wound.

Used to clean cuts.

Used to fasten the bandage.

- (a) Razor blade: .....
- (b) Safety pin: .....
- (c) Pair of scissors: .....
- (d) Bandage: .....

52. (a) Identify any two garden tools used to carry out pruning of crops in a crop garden.

(i) .....

(ii) .....

(b) Give two reasons why farmers carry out pruning.

(i) .....

(ii) .....

53. (a) Identify the part of the body where platelets are made.

.....

(b) Name the food value that helps in the formation of platelets.

.....

- (c) Identify the health problem a person is likely to face if he / she lacks the food value you mentioned in **(b)** above in the body.
- .....

- (d) State one characteristic of platelets.
- .....

54. (a) In which way is distillation method of making alcohol similar to water cycle?
- .....

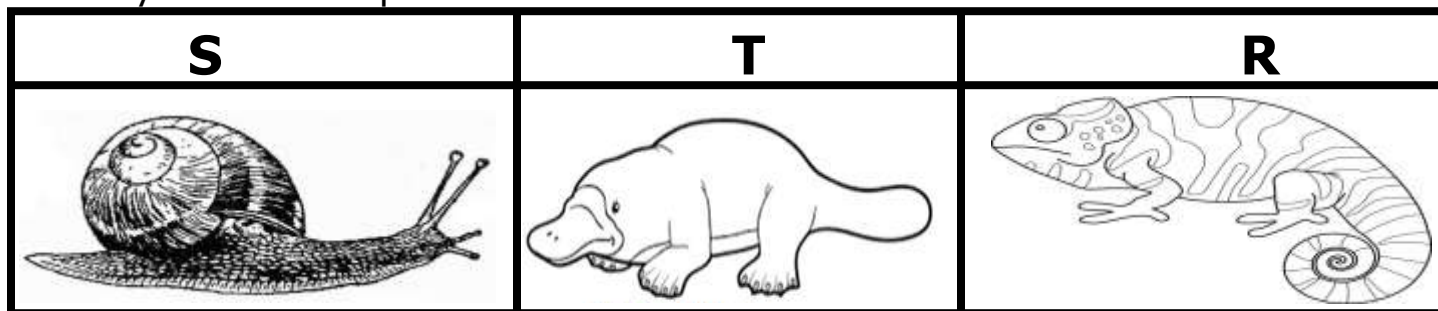
- (b) Name any two materials used to make the delivery tube in making of alcohol.

(i) .....

(ii) .....

- (b) Give one example of alcohol made using the distillation method.
- .....

55. The diagram below shows different animals found in our environment. Study them carefully and answer questions that follow.



- (a) State one common characteristic between animal **T** and **R**.
- .....

- (b) To which group of invertebrates does the animal **S** belong?
- .....

- (c) Identify the type fertilization animal **T** has.
- .....

- (d) State one factor considered when classifying animals.
- .....