



PEAK EDUCATION SERVICES – NAKABUGO

BEGINNING OF TERM II EXAMINATIONS 2025

P.7 INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.						Personal No.		

Candidate's name:

Candidate's Signature:

School Name:

District Name:

Read the following instructions carefully:

- This paper has two sections: **A** and **B**.
Section **A** has **40** questions and section **B** has **15** questions.
- Answer **all** questions. **All** the working for both Sections **A** and **B** must be shown in the spaces provided.
- All** the working **must** be done using a **blue** or **Black** ball point pen or ink.
- Unnecessary **changes** in your work and Handwriting that cannot be read easily may Lead to **loss of marks**.
- Do not fill anything in the table indicated **'FOR EXAMINERS' USE ONLY'**

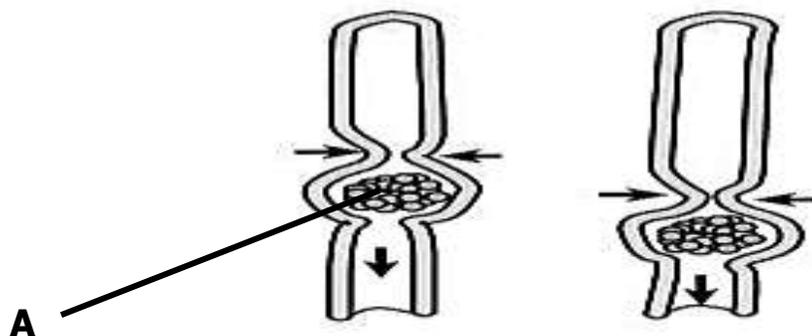
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Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
Page 9		
Page 10		
Page 11		
Page 12		
Page 13		
TOTAL		

SECTION A: 40 MARKS

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

1. Mention any one activity you must do before eating a mango fruit.
.....
2. State the main class of food got from beans.
.....
3. Identify any one example of a renewable resource.
.....
4. State the characteristic of living things that enables them to remove unwanted substances in their body.
.....
5. Name one type of poultry.
.....
6. Define the term **components of soil**.
.....
7. Suggest the best way of getting rid of used plastics and polythene bags.
.....
8. Identify the type of skeleton a spider has.
.....
9. Give any one characteristic of rodents.
.....
10. Name the mode of reproduction for algae.
.....
11. State one plant with trifoliate type of leaf.
.....
12. Write one crop bacterial disease.
.....

Below is a process that takes place during digestion, use it to answer questions 13 and 14.



13. Identify this process shown above.

.....

14. Name the substance marked **A**.

.....

15. Give a reason why ripening of fruits is not referred to as a physical change.

.....

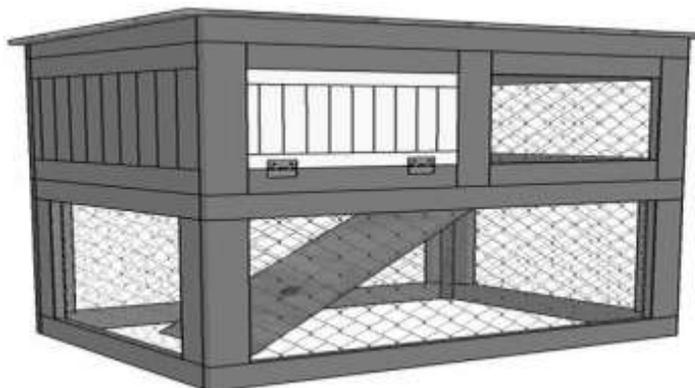
16. Write one importance of humus in the soil.

.....

17. Mention any one example of a segmented worm.

.....

Below is a rabbit hutch, use it to answer questions 18 and 19.



18. Identify the rabbit hutch shown above.

.....

19. Suggest a reason why some parts of the above hutch are covered with wire mesh.

.....

20. Why is it not advisable to use always faeces as manure?

.....

21. Name the example of matter that can exist in all the three states.

.....

22. Identify the type of soil that has high water retention.

.....

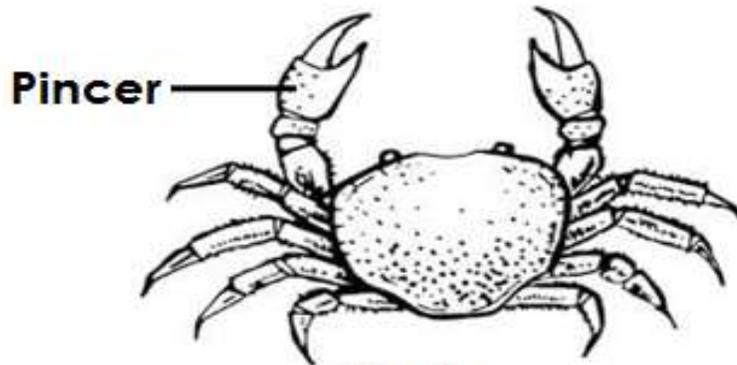
23. Give any one example of an opaque object.

.....

24. Name the type of bones found in the feet and hands.

.....

25. To which group of invertebrates does animal below belong?



.....

26. Outline one disadvantage of echoes.

.....

27. How is saliva useful during the digestion of food.

.....

28. Identify any one common characteristic of insects.

.....

29. Define the term **precipitation**.

.....

30. State the condition of the atmosphere measured using hygrometer.
.....
31. Give the class of food got from eating grasshoppers.
.....
32. Mention one way of carrying out food hygiene.
.....
33. Identify the human body organ sensitive to light.
.....
34. Name the most sensitive part of the tooth.
.....
35. What scientific name is given to head of a tape worm?
.....
36. State one type of a gliding joint.
.....
37. Write one component of blood plasma.
.....
38. State the property of air that helps to put in pressure in a car tyre.
.....
39. Name the disease of blood caused due to lack of enough iron in the body.
.....
40. Define photosynthesis.
.....
.....

SECTION B: 60 MARKS

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

41. (a) Identify two signs of tuberculosis on a person.

(i)

(ii)

(b) Write two symptoms of tuberculosis.

(i)

(ii)

42. (a) Differentiate between a sprain and a strain.

.....

.....

(b) Outline two symptoms or signs of sprains and strains.

(i)

(ii)

43. (a) Write down the two types of essential drugs.

(i)

(ii)

(b) Give any two uses of essential drugs.

(i)

(ii)

44. (a) Identify two examples of conifers.

(i)

(ii)

(b) What name is given to male and female cones of a conifer:

(i) Male:

.....

(ii) Female:

.....

45. The statements below are of the process of water cycle in incorrect order. Rearrange them to form the correct process of water cycle.

(a) Clouds become heavy and thick and later fall as rain.

(b) Water vapour rises and cools to form clouds.

(c) The rain water collects back to a water body and some are taken by plants.

(d) The sun heats water bodies and plants causing water vapour by the process of evaporation and transpiration.

(a)

.....

(b)

.....

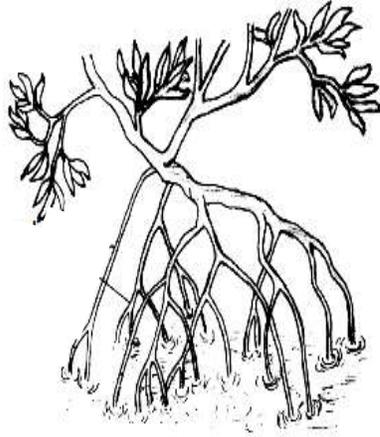
(c)

.....

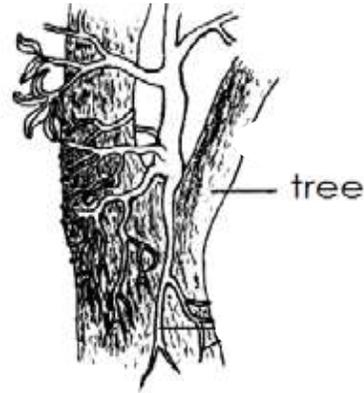
(d)

.....

46. The diagram below shows different types of roots. Use them to answer questions that follow.



M



P

(a) Identify the type of root marked with letter:

(i) **M:**

.....

(ii) **P:**

.....

(b) Identify the system of roots to which the above types of root belong.

.....

(c) State one function of roots to animals.

.....

47. (a) Give two ways of keeping a magnet safe.

(i)

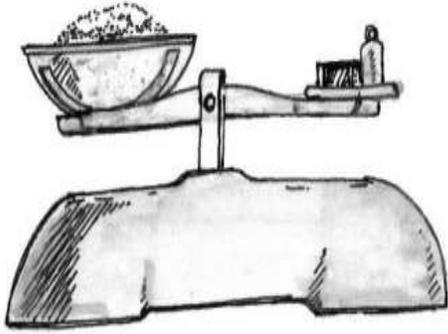
(ii)

(b) State two ways in which a magnet is demagnetized.

(i)

(ii)

48. (a) Identify the items below used to measure weight of objects.



R



T

(i) **T:**

(ii) **R:**

(b) State two differences between mass and weight.

(i)

.....

(ii).....

.....

49. (a) Identify any two examples of processes which need bacteria to take place.

(i)

(ii)

(b) Identify the diseases caused by the following types of bacteria to people.

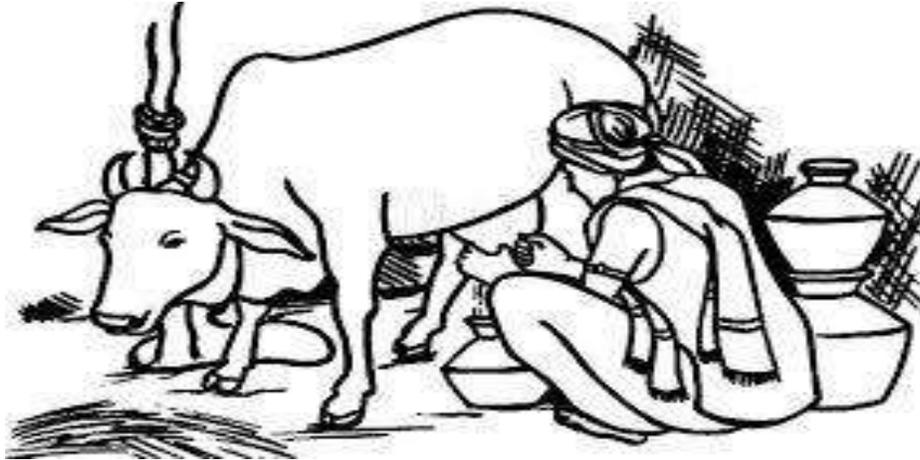
(i) Salmonella typhi.

.....

(ii) Mycobacterium.

.....

50. **The diagram below shows a method of milking. Use it to answer questions that follow.**



(a) Identify the method of milking shown in the diagram above.

.....

(b) Why should a milking man wash his hands with clean water before milking?

.....

(c) Give a reason why a milking man smears the teats of the cow with vaseline before milking.

.....

(d) Name the cattle disease detected using a strip cup.

.....

51. (a) Identify the energy that we get from the sun.

.....

(b) Mention two industrial uses of water as a resource.

(i) (ii)

(c) In which way can water be naturally replaced?

.....

52. (a) Define the following terms used in poultry.

(i) Culling:

.....
.....

(ii) Brooding:

.....
.....

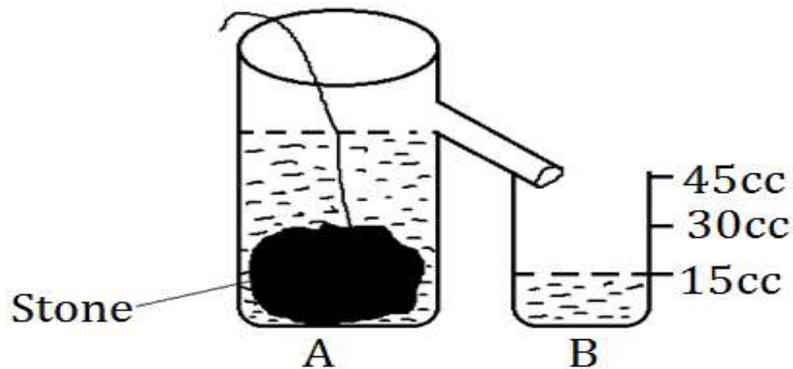
(b) Suggest one reason why birds have streamlined bodies.

.....

(c) Give a reason why poultry farmers carry out cross breeding among chicken.

.....

53. **Below is an experiment carried out by a P.5 pupil. Study it carefully.**



(a) Name the instruments marked:

(i) A:

.....

(ii) B:

.....

(b) State the type of objects whose volume are measured using the above method.

.....

(c) Find the volume of the stone in the above experiment.

.....

54. (a) State two conditions in which enzymes work in the human alimentary canal.

(i)

(ii)

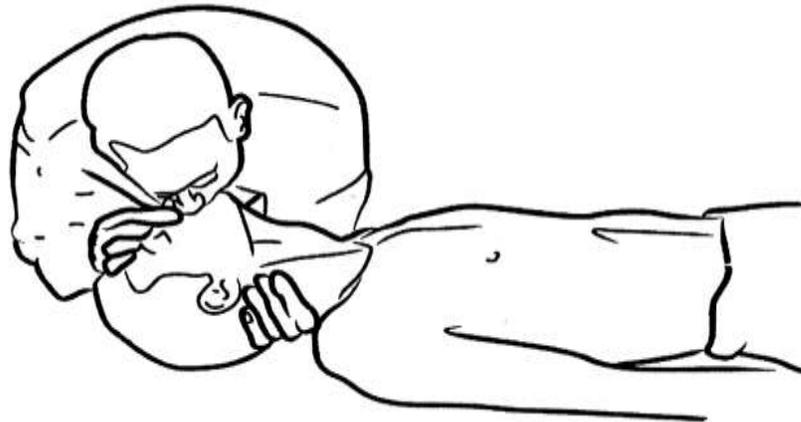
(b) Name the blood vessel that transports digested food to the liver.

.....

(c) Mention the important process that takes place in the large intestine.

.....

55. **The diagram below shows first aid being given to a casualty. Use it to answer questions that follow.**



(a) Identify the type of first aid illustrated in the diagram above.

.....

(b) Write down the accident whose first aid is illustrated above.

.....

(c) Mention any two ways of preventing the above type of accident in our community.

(i)

(ii)

