

# PRE-PRIMARY LEAVING EXAMINATION

2024

SCIENCE

*Time allowed: 2 hours 15 minutes*

Random No.						Personal No.		

**Candidate's name:** .....

**Candidate's Signature:** .....

**District No:**

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**Read the following instructions carefully:**

1. Do not write your **school** or **district name** anywhere on this paper.
2. This paper has two sections **A** and **B**. Section **A** has **40 questions** and **section B** has **15 questions**. This paper has **12 pages** printed altogether.
3. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
4. **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.
5. Unnecessary **changes** in your work and handwriting that cannot be easily read may lead to loss of marks.
6. 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 - 50		
51		
52		
53		
54		
55		
TOTAL		



## SECTION A (50 MARKS)

1. What type of fracture is common in young children?

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2. Where in the human alimentary canal are fats first digested?

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3. Apart from air and water, name any one non-living component of the environment.

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4. Mention one type of poultry kept in Uganda.

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5. Which element of the Primary Health Care (PHC) helps to care for expectant mothers and newly born babies?

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**The diagram below shows the blood cell. Use it to answer questions 6 and 7.**



6. Name the blood cell shown above.

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7. What is the function of the above blood cell in the body?

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8. Give the meaning of the term short circuit in electricity?

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9. How are ferns different from conifers in terms of reproduction?

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10. How is the transmission of cholera similar to trachoma?

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11. State one property of floating objects.

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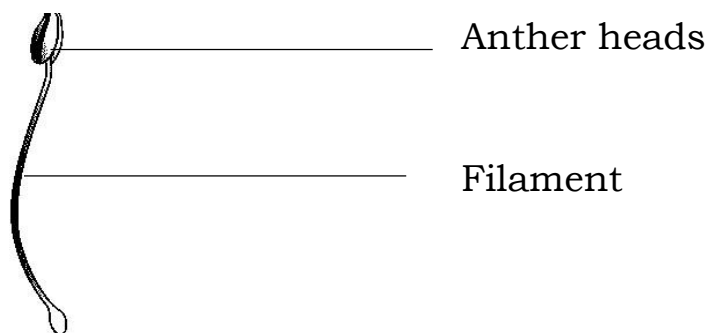
12. Give one similarity among the following vertebrates, birds, bats and cats.

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13. State one difference between current electricity and static electricity.

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Study the figure below and answer the following question.



14. What general name is given to the above part of a flower?

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12. Name any one liquid metal.

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13. Why do people iron their clothes?

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14. Name the force that exists between water and glass molecules.

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15. . What general name is given to diseases one gets as a result of poor feeding?

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16. Given one human activity where conduction is useful.

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17. State any one general function of arteries as blood vessels.

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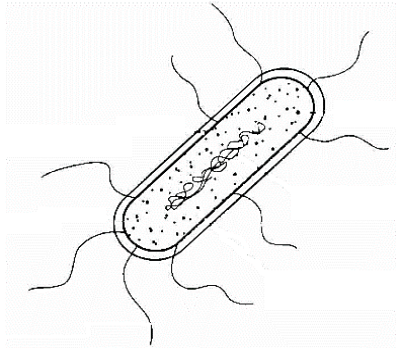
19. How does fair spacing of particles in loam soil make it good for crop growing?

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20. Why is an insect regarded to be an arthropod ?

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**21. Name the type of bacteria shown below**



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22. How does painting prevent metallic windows from rusting?

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23. State the part of the fish which has the same role as ears of a cat.

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24. Give any one example of social insect.

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25. What is farrowing as used in piggery?

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26. Give one reason why school children are advised to put on shoes.

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27. Assuming there is an outbreak of dysentery in a community, give one way how P.7 Pupils can help to control its spreading.

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28. Give anyone example of preying birds

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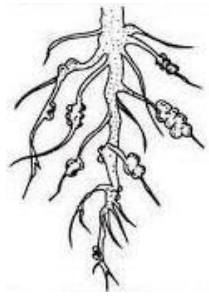
29. Name anyone soil living organisms that help to create space in the soil for easy aeration.

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30. Which type of bee mates with the queen?

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31. Name one plant with the above type of root system.



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32. What is the role of grit found in the gizzard of fowls?

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33. Why are bacteria said to be saprophytes?

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34. Give the best way of preserving food crops after harvesting.

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35. How can you tell that a person has taken poison?

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36. How do human being produce sound?

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37. What is the immediate effect of diarrhoea to a person?

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38. In which layer of soil are plant nutrients found?

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39. Name the larva stage of a mosquito.

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40. Give the major reason as to why farmers keep broilers.

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**SECTION B (50 MARKS)**

41. (a) What is drug addiction?

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(b) State two causes of alcohol addiction

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (c) Suggest one way youth can guard themselves against taking alcohol.

42. (a) Name the digestive juice which is found in the mouth.

(b) Give any two disorders of the digestive system.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (c) State **any one** health habit that promotes the proper functioning of the digestive system.

43. (a) What is pollination

(b) Name the agent of pollination for flowers with brightly coloured petals.

(c) Give the male reproductive cells of a flowering plant

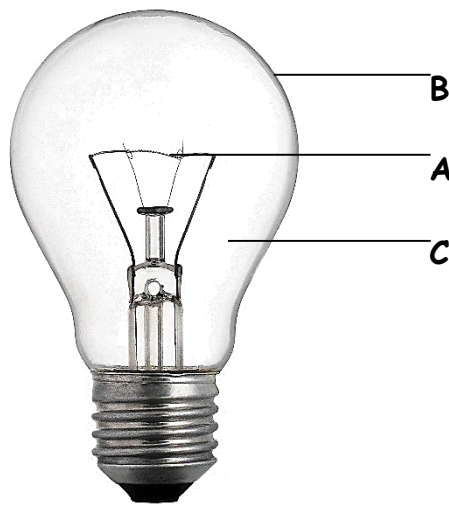
(d) Where in the flowering plants does fertilization occur?

44. (a) State another name for crop pests.

(b) Give two examples of crop pests

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (c) Mention one way of preventing growing crops from pests.

45. **The diagram below is of an electric bulb. Use it to answer the questions that follow.**



(a) Name the part labelled A.

b) Why is part marked with letter A coiled?

c) What is the use of argon gas in part marked C?

d) What energy change takes place when an electric bulb is in use?

**46. Match items in list B and those in list C**

**List B**

Anaemia

Scurvy

Goiter

Night blindness

**List C**

skin

eye

blood

thyroid gland.

47. (a) Mention any two materials needed to make ORS

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Of the materials used to prepare ORS, name

(i) A solute \_\_\_\_\_

(ii) A solvent \_\_\_\_\_

48. (a) Give any two examples of non-magnetic materials

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Which method of magnetization involves electric energy?

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(c) Give any one importance of magnets to people.

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49. **Study the list of organisms below and use it to answer questions that follow.**

GRASS

SUN

LION

GOAT

(a) From the above list. Identify the organism which is referred to as the

(i) Producer

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(ii) Primary consumer

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(iii) Secondary consumer

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(b) Using the organisms in the list, make a food chain.

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50. **Give one word to group of words which has similar meaning with each of the statements given below**

(a) The washing down of nutrients from top layer to bottom layers where plant roots cannot reach

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(b) Depositing of eroded soil particles into the water bodies

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(c) Natural vertical arrangement of soil layers from the top to bottom

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(d) Breaking down of rocks into small particles.

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51. (a) Write ECOSAN in full.

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(b) Give any one advantage of ECOSAN latrine to VIP latrine.

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(c) How far should a pit latrine be from

(i) A source of water



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(ii) A living house

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**52. Draw symbols for the following devices as used in electricity.**

(a) Bulb

(b) Dry cell

(c) Switch

(d) Fuse

53. (a) Give one benefit of cattle keeping to crop growing

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(b) Mention two types of cattle kept in Uganda

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(d) Identify the grazing method suitable to farmers living in rural areas.

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**54. Complete the immunization table below**

Date	Vaccine	Disease	Site
9 months	Measles vaccine	Measles	_____
At Birth	Polio vaccine	Polio	_____
At birth	BCG	_____	Right upper arm

1 ½ months	_____	Tetanus	Left upper thigh.
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55. (a) What is friction?

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(b) Give two ways where friction is regarded as a nuisance force

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Of what value are spikes on soles of shoes?

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**END**