



THE REAL PRIVATE TEACHERS' VOICE EXAMINATIONS BOARD
NEXT TO PRIMARY LEAVING EXAMINATIONS – 2022
THE VERIFIED UNEB BLUE PRINT ITEM (EIGHT)
INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

BASED ON
THE
PRIMARY SCHOOL
ABRIDGED CURRICULUM
FOR UGANDA

Index no:

Random No					Personal No				

Candidate's name:
Candidate's signature:
School:
District:

Read the following instructions carefully

1. This paper is made up of two sections: **A** and **B**.
2. Section **A** has **40** questions (**40 marks**).
3. Section **B** has **16** questions (**60 marks**).
4. Answer ALL questions in both sections **A** and **B**.
5. All answers **MUST** be written in the space provided
In blue or black ball point pens or ink. All diagrams
Should be in pencil.
6. Unnecessary crossing of answers will lead to loss of
Marks.
7. Poor hand writing which cannot be easily read,
May lead to loss of marks.

FOR EXAMINERS' USE ONLY		
Qn. No	MARKS	SIGN
1 – 10		
11– 20		
21 – 30		
31– 40		
44 – 46		
47 – 48		
49 - 51		
52 - 53		
54 - 55		
TOTAL		

The Real Private Teachers' Voice Examinations Board 2022.

Calls: 0763-499772/0704-816448 **Payments:** 0706-229169 **Whatsapp** 0703-495592

REAL PRIMARY LEAVING EXAMINATIONS 2022

Rely on us for weekly, monthly, Beginning of term, midterm and End of term tests. Pre-mocks, Mocks and Pre-PLE Examinations.

OUR PROMISE We are here to ease P.L.E for you. We are ready to **SERVE** you till the last minute.

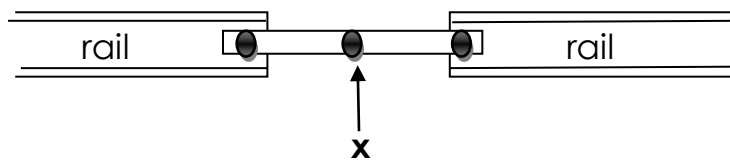
We are Approachable, Reliable and Affordable



SECTION A (40MKS)

1. Name the larva stage of a mosquito.
.....
2. Besides being vertebrates, state one other similarity between humans and chicken.
.....
3. Write **DPT** in full.
.....
4. State one use of proteins in the human body.
.....
5. How does the wearing of masks prevent the spread of CORONA VIRUS?
.....
6. Why is it advisable to chew food properly before swallowing it?
.....
7. Write down one health habit that is most important in the control of skin diseases.
.....

Study the diagram below and answer questions 8 and 9.

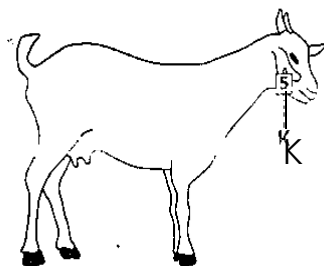


8. In which weather condition do the rails appear as shown above?
.....
9. Why is the space marked **x** left between the rails?
.....
10. When should one wear sun glasses?
.....
11. How does oil poured over stagnant water kill the larva stage of a mosquito?
.....
12. Of what importance is a web to a spider?
.....
13. What first aid can you give to a person with a foreign body in the eye?
.....
14. Give any one organ commonly affected by alcoholism.
.....
15. Which common characteristic makes a tick and a mite to be grouped together as arachnids?
.....



16. Why does ice float when placed on water?

.....
The diagram shows one of the management practices in goat rearing. Use it to answer questions 17 and 18.



17. Name the management practice shown with letter **K**

.....
18. How is the above practice important to a goat farmer?

.....
19. Why is a soaked cloth put on the body of a child with fever?

.....
20. Name any one waste product excreted by the liver.

.....
21. Why is a fuse a useful component in an electric circuit?

.....
22. Give one effect of cloud cover in an area.

.....
23. How is transpiration useful to plants on a hot weather?

.....
24. Identify the main product obtained from cattle that have a blocky shape.

.....
25. What type of energy is possessed by a stone resting on a table?

.....
26. How does a bird benefit from having a streamlined body?

.....
27. Name any one injury that takes place at a joint.

.....
28. Why would you advise an adolescent to promote personal hygiene?

.....
29. Which part of the human body is attacked by river blindness?

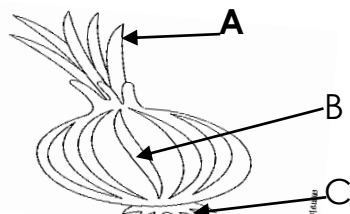
.....
30. What is formed when wood burns under a limited oxygen supply?

.....
31. Give the scientific term used to mean the process of soil formation from rock particles.



-
32. State one effect of smoking to school going children.
.....
33. How does mulching control the growth of weeds in the garden?
.....
34. Suggest one way the government can solve the problem of poor water supply in an area.
.....

Below is a plant. Use it to answer questions 35 and 36.



35. Name the group of underground stems shown by the plant above.
.....
36. Give one functional difference between parts labelled **A** and **B**.
.....
37. Name the type of pulley system used by children to hoist flags at school.
.....
38. Give one way bees improve human health.
.....
39. Give any one reason why a whale cannot be grouped with fish.
.....
40. State the intestinal worms that enter the human body through boring a skin.
.....

SECTION B (60 Marks)

41. The table below has two parts A and B. Part A shows digestive juice while B shows the enzymes but in a wrong order.

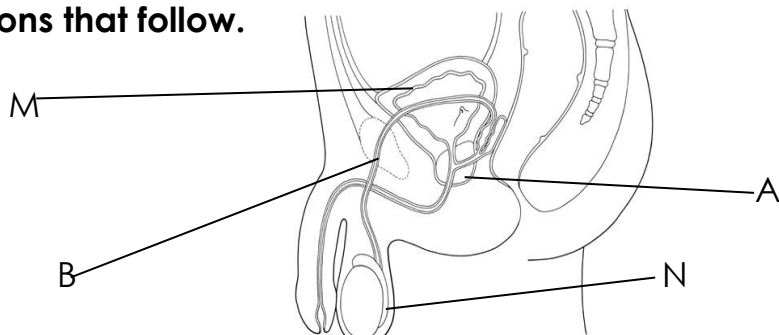
A (Digestive juice)	B (Enzyme)
Saliva	Lipase
Gastric juice	Sucraxe
Pancreatic juice	Ptyalin
Succus entericus	Rennin

Select the enzyme from list B of the table to match the digestive juice from list A as shown below.

- a) saliva..... (b). Gastric juice.....
c)Pancreatic juice (d) Succus entricus.....



42. The diagram below shows a male reproduction system. Study it carefully to answer questions that follow.



a). Name the parts labelled **A** and **B**.

(i) **A**.....(ii) **B**.....

b). Give the function of parts marked **M** and **N**.

(i) **M**

(ii) **N**

43. a). State any two factors considered when sorting clothes to be washed.

(i).....(ii).....

b). **Identify the step of cleaning clothes that helps to**

(i) dissolve dirt from clothes

(ii) remove foam from clothes.....

44.a). Why should utensils be washed immediately after using them?

.....

b). Give a reason why utensils should be placed on a plate stand after washing them.

.....

(c). Why is it advisable to construct a plate stand one metre above the ground?

.....

d). Mention any one disease that can easily spread due to use of dirty utensils.

.....

45. (a).Write down two blood vessels that carry blood to the heart.

(i) (ii)

(b). Name the blood cell that engulfs germs in the body.

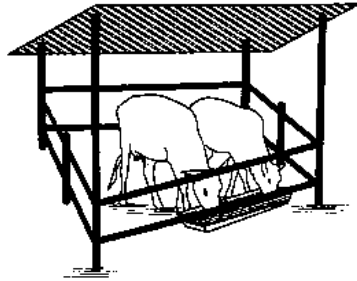
.....

(c). Which part of the blood cell in (b) above helps it to engulf and digest germs in the body?

.....



46. The diagram below shows a cattle grazing system. Study it and use it to answer the questions that follow.



- (a). Name the cattle grazing system shown above.

 b). What type of natural manure can be got from the above system?

 c). Apart from easy collection of manure, state any two advantages of the above grazing system.
 (i)
 (ii)

47. a) Define the term “puberty”

 b.) Why would you advise a friend to guard against teenage pregnancy?

 c.) Give any two causes of teenage pregnancy.
 (i)
 (ii)

48. The table below shows classes of vertebrates. Use it to answer questions that follow.

<u>P</u>	<u>Q</u>	<u>R</u>	<u>S</u>
Salamander	dove	Gecko	Hare
Toad	pigeon	Chameleon	bat

- a). Which similarity can exist among animals in list **P, Q, R** and **S**?

 b). How are animals in list **S** different from the rest of the animals in terms of reproduction?

 c). Why would you put a tortoise under list **R**?

 d). Give one way the body temperature of animals in list **Q** and **S** similar.



49 Below are simple machines. Study them carefully to answer questions that follow.



(a). Name the class of levers to which these machines belong.

(i) **K** (ii) **L**.....

(b). Explain why you would advise someone who wants to do work to use machine **K** instead of **L**.

(c). Indicate with letter “**L**” the position of the Load on machine **K**.

50. a) In which two ways is the information put on a child health card promote immunization programme in a community?

(i)

(ii)

(b) Give one reason why a mother taking her child for immunization needs to carry a child health card.

(c). Give any one piece of information shown on a child health card.

51. a). Mention any two food taboos among Muslim Community.

(i)

(ii)

b). Give any one way food taboos affect women and children in a community.

(c). State one way how food taboos can prevent food shortage in a community.

52. a). Mention any one device that uses electricity at home.

b). Why are live electric wires insulated with rubber materials?

c). Give any two causes of short circuit.

(i)

(ii)

53. a). Give two ways of keeping essential drugs safe.

(i)

(ii)

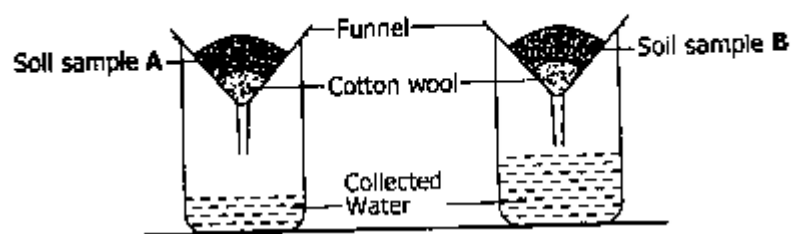
b). State any two characteristics of essential drugs.

(i)

(ii)



54. The diagram below shows an experiment carried out on two equal amounts of soil samples A and B. Equal amount of water was poured on the soil samples. The water that passed through the soil samples after ten minutes was collected in containers of the same size as shown below. Study and use it to answer the questions that follow.



- (a) What property of soil is being studied in the experiment?
.....
 - (b). State the function of the cotton wool in the experiment above.
.....
 - c). Given that two soil samples were from sand and clay, which of the two samples was clay?
.....
 - d). Give one reason for your answer in **(c)** above.
.....
55. Allen mixed salt with sand. In only four sentences, explain how Allen would recover her salt from sand.
- (i).....
 - (ii).....
 - (iii).....
 - (iv).....

BELIEVE **YOU** CAN **AND** YOU **WILL**

