



THE REAL PRIVATE TEACHERS' VOICE EXAMINATIONS BOARD

PRIMARY SEVEN

THE REAL SPECIAL BEGINNING OF TERM II - 2023

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 2023.

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REAL UNEB (PLE) BLUE PRINT ITEM 2023

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SECTION A (40MKS)

1. Define a tuber crop.

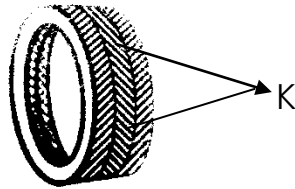
2. State how a mushroom obtains its food.

3. Why do farmers keep brown eggers hens?

4. Give a reason why proteins should be included in a person's diet.

5. State any one characteristic of carnivorous mammals.

The diagram below shows a car tyre. Use it to answer questions 6 and 7.



6. Name the structure labelled **K** on the above car tyre.

7. Give one reason why the above structures are made on car tyres.

8. Write any one sign of heat period in a cow.

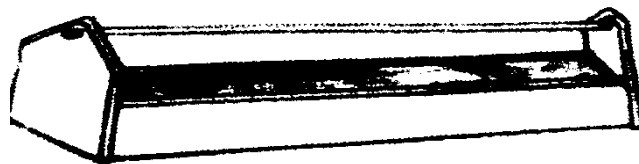
9. Give any one characteristic of flowers pollinated by wind.

10. Identify one importance of regular spreading of beddings in sunshine.

11. Write any one structural difference between veins and arteries.

12. Identify the process by which oxygen enters from the lungs into the blood stream.

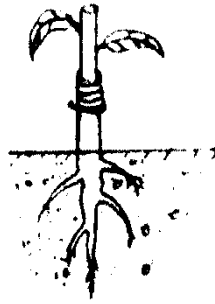
The diagram below shows a wooden structure put in a deep litter house of poultry. Use it to answer questions 13 and 14.



13. Identify the wooden structure shown in the diagram.
.....
14. State the use of the structure shown in the diagram to a poultry farmer.
.....
15. Write any one way of preventing food contamination in a home.
.....
16. Name the element of Primary Health Care (**PHC**) that is promoted by draining stagnant water from the compound.
.....
17. Explain how paddock grazing helps to control tick bone diseases in livestock.
.....
18. Give one factor which affects the rate of evaporation.
.....
19. Write any one health habit that causes damage to the human lungs.
.....
20. Explain why electricians wear rubber glove when carrying out repairs.
.....
21. Name the type of immunity passed on from mother to a baby through the placenta and breast milk.
.....
22. Identify one way in which prop roots are important to a growing maize plant.
.....
23. Give any one negative effect of **HIV/AIDS** to an individual.
.....
24. Write any one secondary sex characteristic in boys.
.....
25. Explain why a feather floats on water.
.....
26. How does the use of solar cookers help in to conserve trees in an area?
.....
27. State any one danger of floods in the environment.
.....
28. Write any one disadvantage of free range system in rearing goats.
.....
29. Give any one way in which heat transfer by radiation is useful in our daily life.
.....
30. Explain how echoes are important to a bat during flight at night.
.....



The diagram below shows a method of vegetative propagation. Use it to answer questions 31 and 32.



31. Identify the method of vegetative propagation shown above.
.....
32. Name any one plant which is propagated using the above method.
.....
33. Give any one advantage of breast feeding to a baby.
.....
34. Explain how grass planted on the school compound controls soil erosion.
.....
35. Identify the type of muscles found in the human heart.
.....
36. Mention any one activity done by crop farmers before planting.
.....
37. Explain the difference between the spread of sleeping sickness and that of malaria.
.....
38. Give any one role played by local councils **(LCs)** during immunisation.
.....
39. Name the cattle product used in dairy industries.
.....
40. State any one danger of making babies sleep on a bed wetted with urine.
.....

SECTION B (60 Marks)

41. a).Name one example of exotic breeds of rabbit kept in Uganda.
.....
- (b).State any two diseases that attack rabbits.
(i).(ii).....
- (c). Write one advantage of keeping rabbits over goats and sheep.
.....



42. The diagram below shows a casualty who has just fainted. Study the diagram carefully and answer the questions that follow.



- a). Give the term used to describe the person marked **F**.

 b). State the cause of the above accident.

 c). Explain why the legs of the casualty are raised.

 d). Give the importance of blowing cold air over the casualty above.

 43. In the table below, list A is of types of movable joints and list B is of parts of the body.

A	B
Gliding joints	Elbow
Pivot joints	Wrist
Ball and socket joints	Neck vertebrae
Hinge joints	Shoulder

Select from the table the correct location of a joint and write in the space provided below.

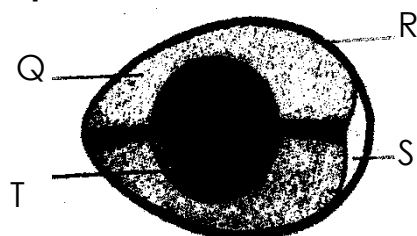
- (a). Gliding joints (b). Pivot joints
 (c). Ball and socket joints
 (d). Hinge joints
 44. a). State the function of each of the following parts of a Ventilated Improved Pit latrine (**VIP**).
 (i) screen
 (ii) Vent pipe
 (b). Name any two ways of promoting cleanliness in an ordinary pit latrine.
 (i)
 (ii)
 45. a). Name the animal fibre obtained from each of the following.
 (i) Angola goat (ii) Merino sheep.....



(b) Apart from being a source of fibre, state two other ways in which animals are resources.

- (i)
 (ii)

46. The diagram below shows inner parts of a fertilised egg of a hen. Study it carefully and answer the questions that follow.



(a). Identify the part labelled with letter **Q**

.....

b). State the function of the parts labelled **S** and **T**.

(i) **S**.....

(ii) **T**.....

(c). Explain why the part labelled **R** should allow some materials to pass through.

.....

47. The table below shows disease vectors, germs which they carry and the diseases caused. Study and complete it correctly.

Disease vector	Type of Germ	Disease caused
	protozoa	Sleeping sickness
Black fly	Filarial worm	
Anopheles mosquito		malaria
	Bacterium	Cholera

48. a). Mention any two methods of applying fertilisers in a garden.

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

(b). List any two disadvantages of using artificial inorganic fertilisers.

(i).....

(ii)

49. a). Which method of magnetization requires electric energy?

.....

b). What name is given to the new magnet made by using the method above?

.....

c). Write two ways of demagnetizing magnets.

(i)

(ii)

50. (a). Apart from yeast, mention any other example of fungus.

.....



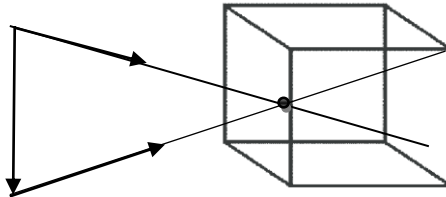
(b). Give any one difference between fungi and plants.

(c). Write two ways in which yeast is useful to people.

(i)

(ii)

51. The diagram below is of a pinhole camera. Study carefully and use it to answer the questions that follow.



(a). Label the pin hole with letter **x**

b). Use a pencil to draw an image formed by the object on the screen.

(c). Give any two characteristics of the image formed on the screen above.

(i)

(ii)

52. (a). List any two negative effects of drug abuse to human health.

(i)

(ii)

b). Write any two ways of controlling drug poisoning in a family.

(i)

(ii)

53. a). Apart from making honey, give any two other duties of worker bees in a bee hive.

(i)

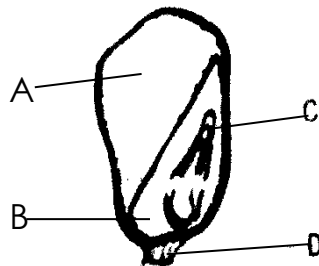
(ii)

(b) State any two advantages of using modern beehives in beehive.

(i)

(ii)

54. The diagram below shows a maize grain. Study carefully and use it to answer the questions that follow.



b). Name the parts labelled **C** and **D**.

(i) **C** (ii) **D**



c). State the function of part labelled **A** and **B**.

(i) **A**

(ii) **B**

55. a). Give the function of each of the following blood components.

i) White blood cells

ii) Blood platelets

b). State any two ways of maintaining the heart in a healthy working condition.

(i)

(ii)

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