



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

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.

Tel: 0782-927840/0704-816448/0741-126776

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)

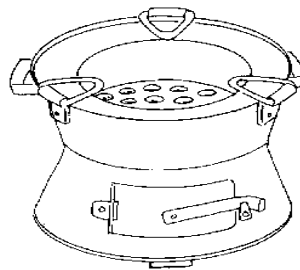
1. State the main product obtained from dairy cattle.
.....

2. How are gills similar to the spiracles of an insect in function?
.....

3. Why is measles vaccine given to babies at 9 months?
.....

4. State one characteristic of essential drugs.
.....

The diagram below shows an item used at home. Use it to answer question 5.



5. Name the fuel used by people to make the item above function.
.....

6. Which component of blood is destroyed by plasmodia germs in the human body?
.....

7. Name the simple machine that enables vehicles to climb hills using less force
.....

8. Besides killing germs, give a reason why ironing is a good practice.
.....

9. Which property of air enables a nurse suck medicine from a bottle using a syringe?
.....

10. How is reproduction of conifer similar to that of a bean seed?
.....

11. What is the importance of passing a delivery tube through cold water during distillation?
.....

12. Give one example of non-renewable energy resource.
.....

13. State the disorder of the respiratory system prevented by eating food without talking.
.....



.....
14. What type of reflection occurs on a regular surface?
.....

The illustration below is a method used to store sound. Use it to answer question 15.

d:r:d:-m:f:s:-d

15. How is sound written above reproduced?
.....

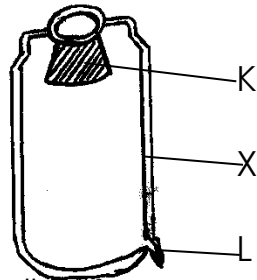
16. State the use of perches in a poultry house.
.....

17. Write the function of the long sticky to tongue to a chameleon.
.....

18. Mention one sign of kwashiorkor in babies.
.....

19. Mention one crop propagated by grafting.
.....

The diagram below shows an item used at home. Study it carefully to answer questions 20 and 21.



20. Name the part labelled L.
.....

21. How is part X able to prevent heat loss by conduction and convection?
.....

22. Give one difference between mass and volume.
.....

23. How is petrol in a car similar to food in the human body?
.....

24. Name the element of **PHC** that promotes the health of the mother and her foetus.
.....

25. Give a reason why a tick is not called an insect.
.....

26. Why is breast milk the best food for babies below two years?
.....



27. Write **3Bs** in full as used in giving First Aid.

 28. Name the method of grazing cattle suitable for urban people.

 29. Which type of latrine has the ability to kill houseflies?

 30. State one human activity done by people during the dry season.

 31. Why do objects weigh less on moon than on earth?

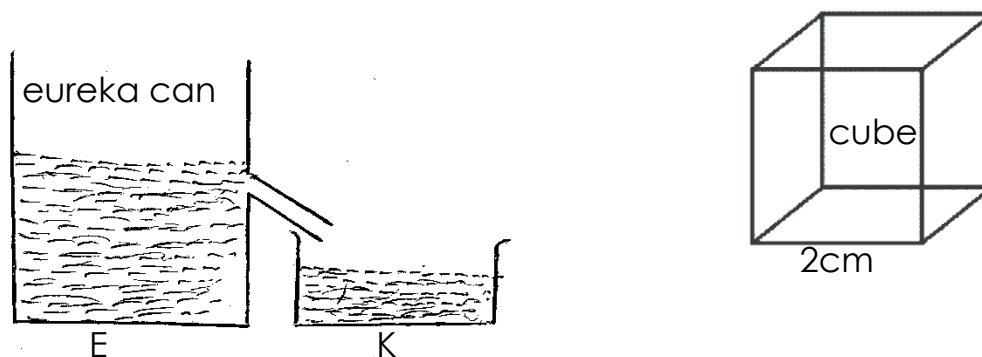
 32. How does profitable use of leisure time help to prevent adolescents from the habit of smoking?

 33. At what time of the day is transplanting recommended?

 34. Give one of the examples of physical change.

 35. Why should food in our homes be properly handled?

The experiment below was carried out by a P.5 class. Use it to answer questions 36 and 37.



36. What volume of water would be collected in container **K** if the cube is lowered into container **E**?

 37. Why can't container **E** get filled with water to the top?

 38. State what would happen if two naked wires carrying electricity come in contact.

 39. Which common message does a P.6 pupil learn from PIASCY programmes about HIV/AIDS?



40. Name any one drug of dependence in our society.

.....

SECTION B (60 Marks)

41. a). How does sound travel?

.....

(b). How are human beings able to produce sound?

.....

(c). Mention any two classes of musical instruments.

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

42. **The table below shows child hood diseases. Study it carefully to answer questions that follow.**

Diseases	Cause	Prevention
Poliomyelitis	(i).....	Immunize using polio vaccine
Measles	Virus	(ii).....
Tuberculosis	(iii).....	Immunize using BCG vaccine
(iv).....	Bacteria	Immunize using DPT vaccine

43. a). What is soil fertility?

.....

b). Apart from organic fertilizers, mention another type of fertilizers.

.....

c). Mention any two examples of artificial fertilizers.

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

44. Given the list of organisms.

grass, antelope, lion, vulture

a). Arrange the organisms to form a food chain.

.....

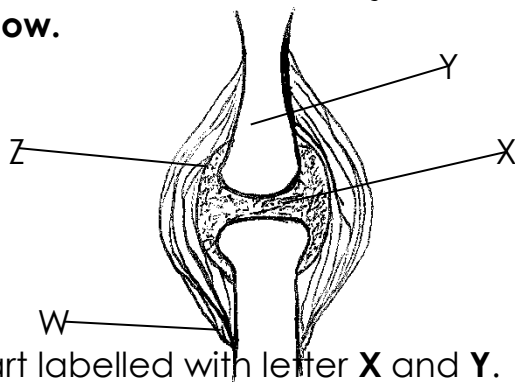
(b). Which organism is grouped under;

(i) producers..... (ii) tertiary consumers.....

(c). Which organism is missing to complete the food chain.

.....

45. **The diagram below shows movable joint in a human body. Use it to answer questions that follow.**



(a). Name the part labelled with letter **X** and **Y**.

(i) **Y**..... (ii) **X**.....



(b). How are parts **X** and **Z** similar in terms of their function in the body?

(c). What kind of movement is allowed by the joint found in the above part of the body?

46. a). Write down any two methods used to separate mixtures.

(i).....

(ii).....

b). How can one recover lost salt from water?

(c). Give one example of a universal solvent.

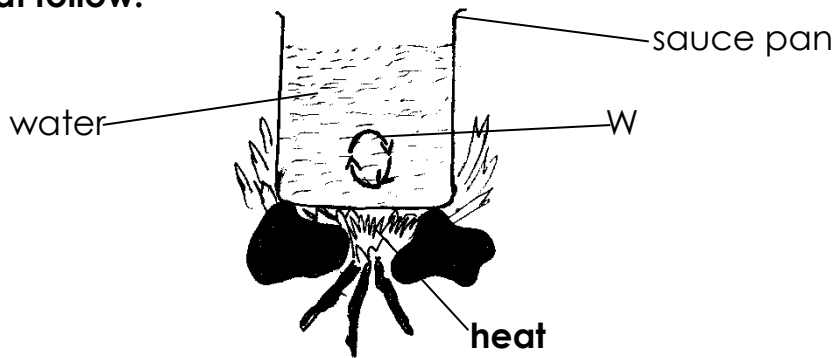
47. a). Name any two examples of scavenger birds in the environment.

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

b.) In which way are scavenging animals useful in the environment?

(c). State the difference between a predator and a scavenger.

48. **The diagram below shows a method of heat transfer in liquid. Use it to answer the questions that follow.**



(a). What do the arrows in the saucepan show?

(b). How is heat able to reach water at the bottom of the saucepan?

(c) Which method of heat transfer enables heat to move through the water in the saucepan?

d). How is the method of heat transfer in **(c)** above useful in the environment?

49. a). Why does diarrhea result into dehydration?



b). State two signs of dehydration in babies.

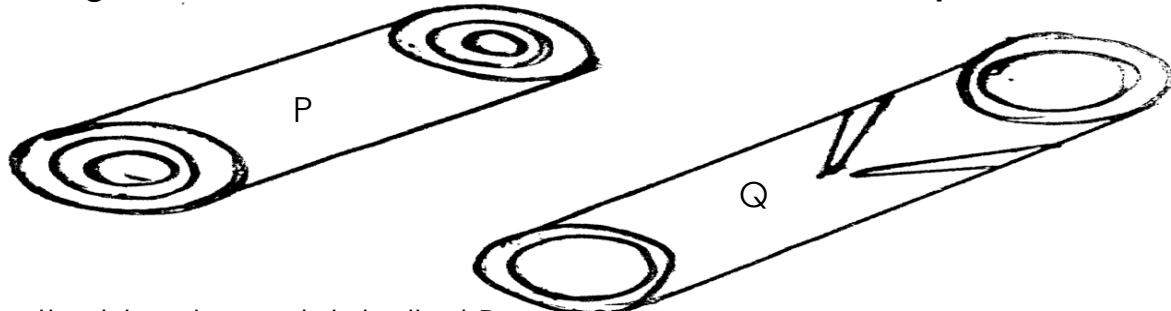
(i).....

ii).....

(c). How can dehydration be overcome in infants?

.....

50. The diagram below shows blood vessels. Use it to answer questions that follow.



a). Name the blood vessels labelled **P** and **Q**.

(i). **P**..... (ii). **Q**.....

b). Give two functional differences between blood vessels **P** and **Q**.

(i).....

(ii).....

51. a). Which system of keeping poultry separates eggs from the layer birds?

.....

b). Give any two ways farmers can improve on egg production on their poultry farm.

(i).....

(ii).....

c). How does poultry keeping project benefit a crop farmer in the neighbour hood?

.....

52. (a). Write down the component of air that helps in preservation of bottled drinks.

.....

b). Give the percentage of the gas named in **(a)** above.

.....

c). Apart from preserving bottled drinks, give one other way the gas mentioned in **(a)** above useful to man.

.....

d). Give a reason why the gas in **(a)** above is used to preserve bottled drinks.

.....



53. Study the table below carefully and answer the questions that follow.

A	B	C
slug	cow	lizard
octopus	monkey	snake
oyster	bush baby	turtle
snail	man	crocodile

a). To which group invertebrates do animals in list **A** belong?

(b) How are animals in list **B** and **C** similar?

(c) In which way are animals in list **B** and **C** differ in terms of body temperature?

(d). How is a turtle different from the rest of the animals in list **C** in terms of body structure?

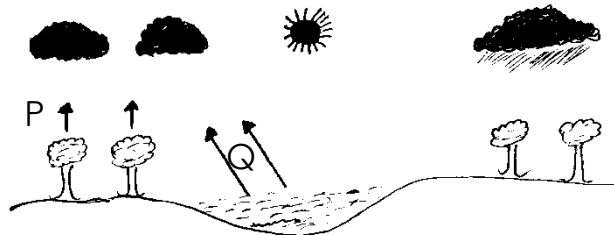
54. a). Mention one primary sex characteristic in boys.

b). Give one danger of having sex before marriage.

c). Write two disorders of the reproductive system.

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

55. The illustration below shows one of the natural processes that occur in the environment. Study it carefully to answer questions that follow.



a).Name the natural process shown above.

b). Identify the processes indicated by;

(i) **P**.....(ii) **Q**.....

c). Mention the method of making alcohol similar to the natural process named in **(a)** above.

**WE ARE THE REAL
AND SO YOU ARE**

