

VICTORIOUS PRIMARY SCHOOLS

END OF TERM ONE ASSESSMENT 2022

CLASS : PRIMARY SEVEN

SUBJECT : INTEGRATED SCIENCE

DURATION : 2 ¼ HOURS

Index No.

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Candidate's Name:.....

Candidate's Signature

School Name

District Name

Stream:.....

Read the following instructions carefully:

For examiners' use Only

1. The paper has two sections **A** and **B**
2. Answer **ALL** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. All answers must be written using a **Blue** or **black** ball-point pen or ink.
4. Unnecessary alteration of work may lead to loss of marks
5. Any **handwriting** that cannot easily be read may lead to loss of marks.

Qn. No.	Marks	Examiners' No.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A.

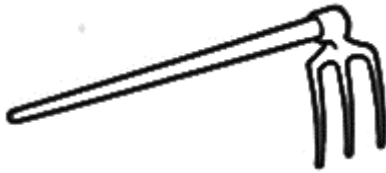
1. Mention any **one** example of amphibians.

2. How does severe diarrhea affect our bodies?

3. Why are we advised to boil water before drinking?

4. Mention any **one** example of non-biodegradable soil pollutant.

5. Name the garden tool shown in the diagram below.



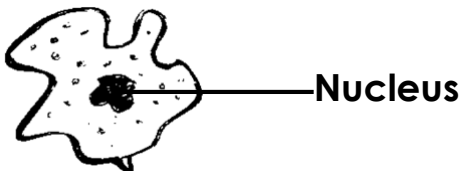
6. Why do sheep farmers carry out docking of their female lambs?

7. Why are seeds of black jack mainly dispersed by animals?

8. Write **one** PIASCY message that can help to control the spread of HIV/AIDs among youth.

9. Which element of PHC helps to control over population?

The diagram below is of a blood cell.



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

11. What is the difference between a first aid kit and first aid box?

12. Why are most metallic farm tools painted?

13. In which **one** way are muscles important in a human body?

The diagram below is of a part of plant flower. Use it to answer questions 14 and 15.



14. What general name is given to part shown?

15. Name the reproductive cells produced by the part shown above.

16. Which body waste is excreted by the lungs?

17. State any **one** way in which heat energy is important to people.

18. Name the outdoor system of keeping poultry commonly used by rural farmers.

19. How does a string musical instrument produce sound?

20. In which **one** way is breast feeding important to a mother?

21. In which **one** way can brick making contribute to malaria spread in an area?

22. Which process in plants contribute to rain formation in an area?

23. How is the ileum adapted to its function of absorbing digested food?

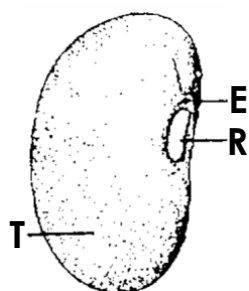
24. Name any **one** breed of poultry kept by farmers in Uganda.

25. How does a tape worm obtain its food from the host?

26. Which component of soil do plants use as a raw material for starch making?

27. Which process of making alcohol is used by pharmacists to get clean and safe water for mixing medicine?

The diagram below shows a bean seed. Use it to answer question 28 and 29.



28. Name part labelled **T** in the diagram.

29. Give any **one** difference between a bean seed and a maize grain.

30. Besides weathering of rocks, how is soil formed?

31. Mention **one** health habit that improves on the working of the lungs.

32. Name **one** diarrhoeal disease that may lead to anaemia.

33. What are dairy cattle?

34. How does soil erosion lead to soil infertility in an area?

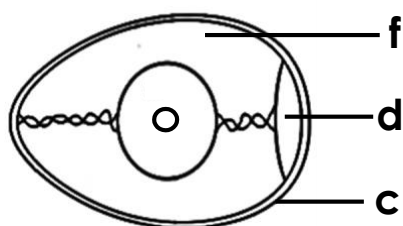
35. What happens to the lungs when breathing in?

36. Mention **one** advantage of using artificial fertilizers over natural manure.

37. Which system of human body is concerned with ovulation?

38. Why can't the volume of a cork be measured using a displacement method?

Use the diagram of an egg below to answer questions 39 and 40.



39. Name part **f**.

40. How is the porous nature of part **c** important in an egg?

SECTION B.

41. (a) Name any **one** type of muscles in a human body.

(b) How are muscles attached to bones in our bodies?

(c) Write any **two** ways of caring for the musculoskeletal system.

(i) _____

(ii) _____

42. Use the diagram below to answer questions that follow.



(a) To which group of birds does beak **S** belong?

(b) Mention any **one** bird with beak **T**.

(c) How can a poultry farmer protect chicks from birds with beak **T**?

(d) State the characteristics that differentiates birds from all other vertebrates.

43. (a) Mention **one** solute and **one** solvent used in making ORS.

(i) Solute _____

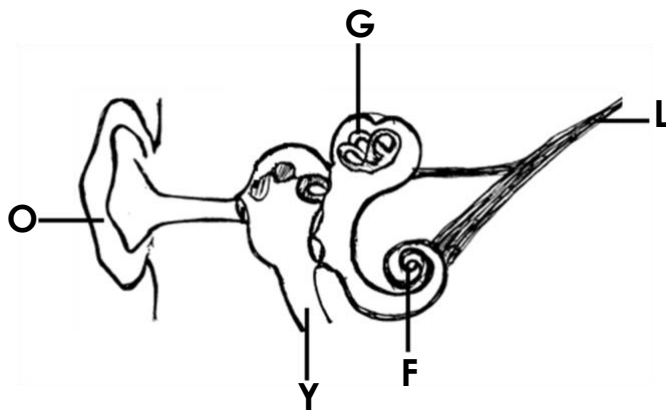
(ii) Solvent _____

(b) How is the solute you have named above important to the body of the person who takes the ORS?

(c) Why should **one** making ORS wash hands with clean water and soap besides just removing germs from the hands?

44. (a) Apart from being vertebrates, state any **one** way a frog and a crocodile are:-
 (i) Similar _____
 (ii) Different _____
- (b) Identify any other vertebrate you can group with;
 (i) Frog _____
 (ii) Crocodile _____

45. **The diagram below is of a mammalian ear. Study it carefully and use it to answer questions that follow.**



- (a) Name part **O**.

- (b) State the function of part **F** and **L**.
 (i) **F** _____
 (ii) **L** _____
- (c) Which form of energy ignites the function of the above organ?

46. Match **A** correctly to **B**.

A	B
Gap filling	- reduces plant population.
Pruning	- makes plant used to harsh weather condition.
Thinning	- reduces plant weight.
Hardening off	- increases plant population.
(i) Gap filling _____	
(ii) Pruning _____	
(iii) Thinning _____	
(iv) Hardening off _____	

47. (a) Name **two** female casts of bees in a colony.

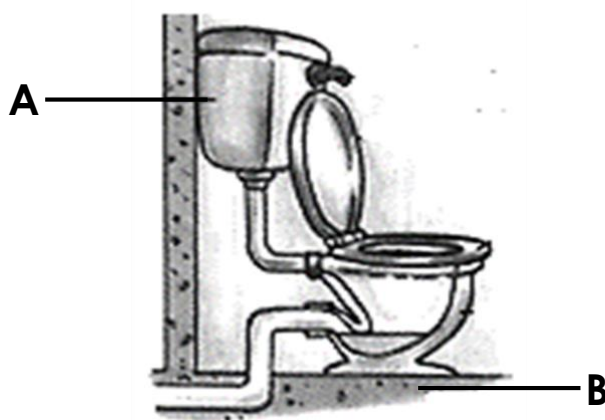
(i) _____

(ii) _____

(b) State the importance of pollen baskets to a worker bee.

(c) How does bee keeping help to increase plant population in an area?

48. The diagram below is of a kind of toilet. Use it to answer questions that follow.



(a) Which substance is contained in part **A**?

(b) How is the equipment above helpful in maintaining sanitation in a home.

(c) Which **one** problem is likely to be faced by people who use such a toilet?

(d) State any **one** way a P.7 candidate can care for the toilet above at home.

49. (a) What type of change takes place when;

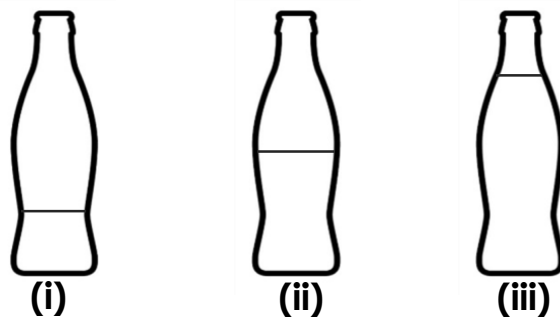
(i) A metal rusts _____

(ii) A baby grows into a boy/girl _____

(b) How are the above changes similar?

(c) State any **one** danger of the change a(i) above on a metal garden tool.

50. The diagram below shows 3 bottles of the same size with different amount of water in them. Use it to answer questions that follow.



(a) To which group of musical instrument do the bottles belong?

(b) Which of the bottles will produce sound with?

(i) Lowest pitch _____

(ii) Highest pitch _____

(c) Why will the bottle you have named in (b ii) above produce sound with the highest pitch?

51. (a) Name the **two** types of smoking.

(i) _____

(ii) _____

(b) Which body organ is mainly damaged by tobacco smoke?

(c) Name the substance in tobacco smoke that causes addiction.

52. The table below shows immunization table. Study it carefully and answer questions that follow.

Disease	Vaccine	Age	Site
Tuberculosis	BCG vaccine	birth	Right upper arm

(a) How is this vaccine administered to babies?

(b) Why is the vaccine above given to children at birth?

(c) Identify any other vaccine given to children at the same time with BCG vaccine above.

(d) How does the vaccine above help the body to be resistant to tuberculosis?

53. (a) How important are the following in a good living house.

(i) Ventilators _____

(ii) Large doors and windows _____

(b) Write **two** requirements of a clean home besides a well-ventilated house.

(i) _____

(ii) _____

54. Complete the table below correctly.

Blood vessel	Nature of blood	From	To
Aorta	(i) _____	heart	all body parts
(ii) _____	deoxygenated blood	all body parts	heart
Pulmonary artery	(iii) _____	heart	lungs
Pulmonary vein	oxygenated blood	(iv) _____	heart

55. The diagram below shows an accident victim being given first aid.



(a) State the accident whose first aid is being administered as shown above.

(b) What scientific term is used to describe the persons marked **F** and **C**.

(i) **F** _____

(ii) **C** _____

(c) Give the reason why the legs were raised slightly higher than the head as shown above.

END