ACADEMY OF CHRIST THE KING S.H.S

INTEGRATED SCIENCE CLASS TEST - **DURATION 30MINS**

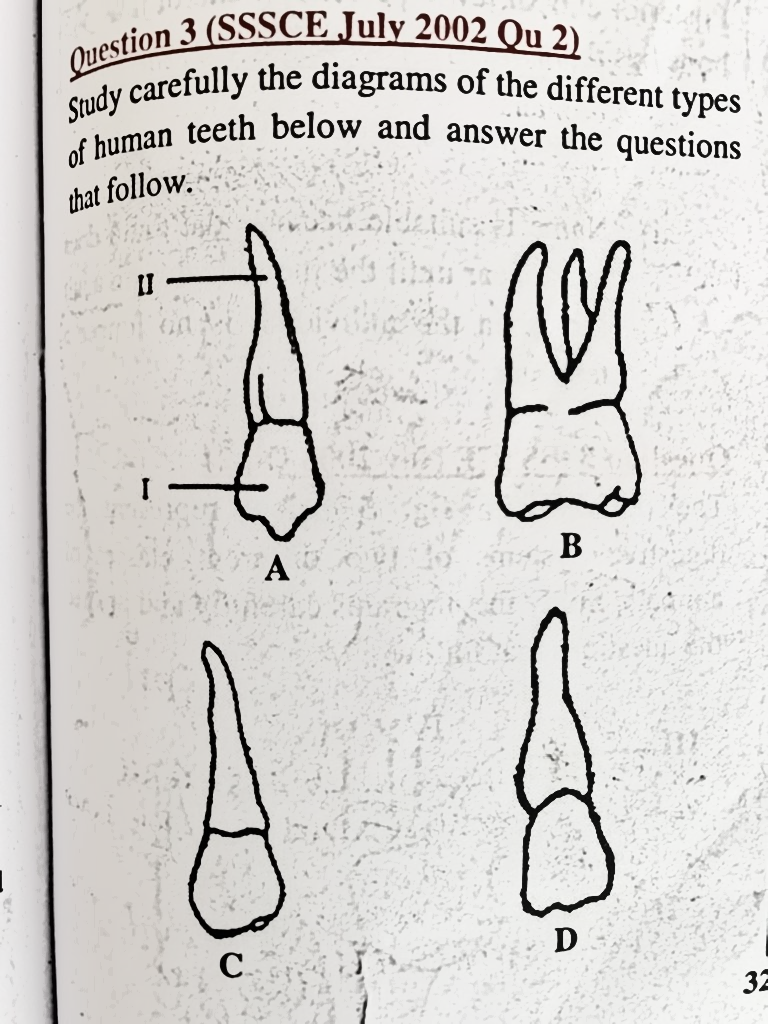
**NAME:………………………………………………………. …… CLASS………..**

1. Which of the movements occur when the arm of human is bent?
2. Biceps relaxes and triceps contracts
3. Biceps contracts and triceps relaxes
4. Both biceps and triceps relax
5. Both biceps and triceps contract
6. Exhaled air may readily put off a burning candle because it contains high levels of
7. Oxygen and Nitrogen
8. Nitrogen and heat
9. Heat and oxygen
10. Carbon dioxide and moisture
11. The rate at which green plants release carbon dioxide during the night is higher than that during the day because
12. Light inhibits respiration
13. Stomata are closed during the day
14. Darkness is required for respiration
15. The carbon dioxide produced during the day is used up
16. When a potted seedling is locked up in a cupboard for about twelve hours it loses all the starch in its leaves because
17. The starch is converted to glucose in the dark
18. The starch is oxidized to liberate energy
19. Heat in the cupboard causes the starch to melt
20. Darkness destroys the starch completely.
21. A boy who got trapped in a cupboard died because
22. All the air in the cupboard was used up.
23. Only nitrogen gas was left in the cupboard
24. The greater part of oxygen in the cupboard was used
25. Noble gases run shot in the cupboard.
26. Which of the following structures in the respiratory system of humans protects the lungs?
27. Diaphragm
28. Larynx
29. Rib
30. Trachea
31. Gum Bleeding in humans is caused by the deficiency of
32. Vitamin A
33. Vitamin B1
34. Vitamin C
35. Vitamin D
36. Which of the following vegetables provides the largest amount of roughage in diet of humans?
37. Beans
38. Cabbage
39. Carrot
40. Pepper
41. One of the chemicals used to test for the presence of protein is
42. Benedict’s solution
43. Fehling’s solution
44. Millon’s reagent
45. Anhydrous copper sulphate
46. Which of the following meals appear to be a more balanced diet?
47. Yam, vegetable stew mixed with egg and orange slice
48. Rice, palm nut soup, and yoghurt.
49. Fried plantain, beans and coca cola drink
50. Kenkey with shito, fried fish and ice cream

SECTION B

PRACTICAL WORK

1. Study carefully the diagrams of the different types of human teeth below and answer the questions that follows.



1. Name the parts labelled

I…………………………….

II…………………………..

1. Identify the type of tooth labelled A, B, C and D

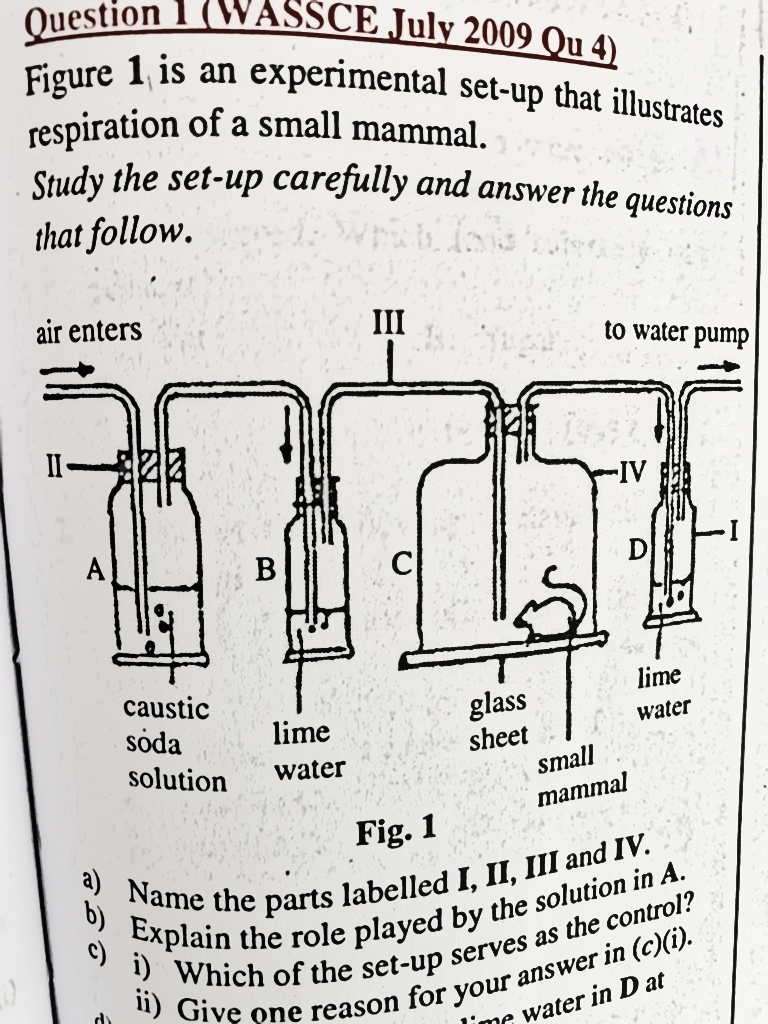
A…………………………..

B………………………….

C…………………………..

D………………………..

1. The set-up below is an experiment to illustrate respiration of a small mammal. Study the set-up carefully and answer the questions that follow.



a). Name the parts labeled

I……………………………….

II……………………………….

III……………………………..

IV……………………………..

b) Explain the role played by the solution in A

…………………………………………………………………………………………………………………………………………………………

c) Suggest an aim for the experiment

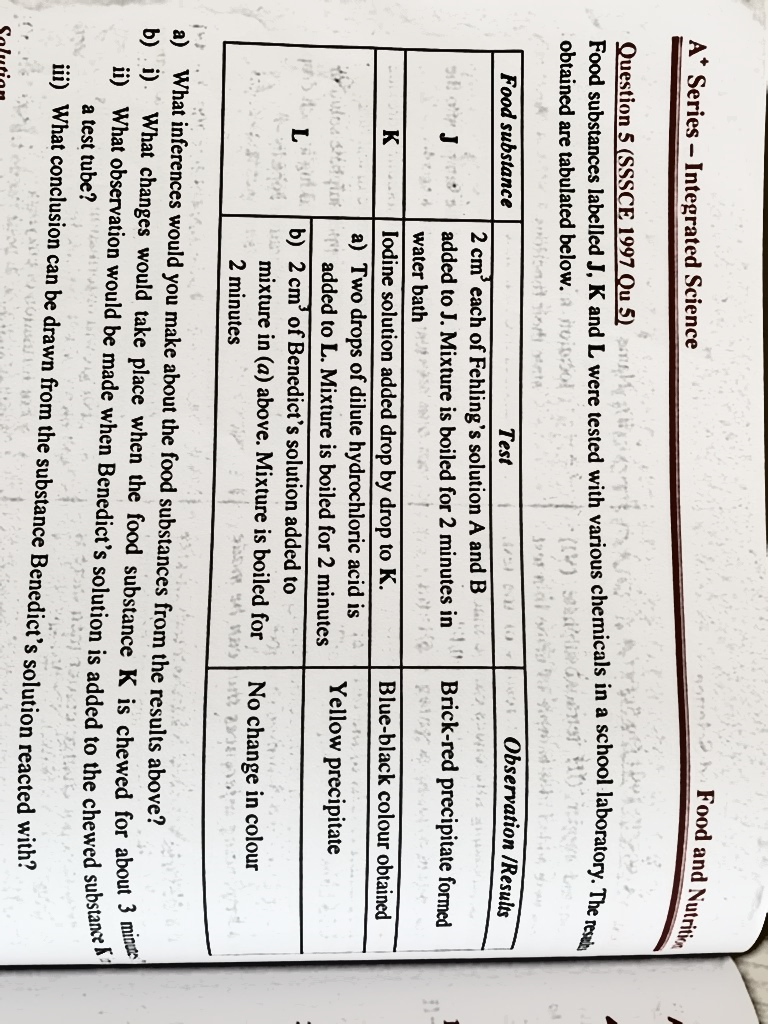
……………………………………………………………………………………………………………………………………………………………

d) What happens to the lime water in D at the end of the experiment?

………………………………………………………………………………………………………………

e) State one precaution to be taken during the experiment

………………………………………………………………………………………………………………….



3. Food substances labelled J, K and L were tested with various chemicals in a school laboratory. The results obtained are tabulated below.

1. What inferences would you make about the food substances from the result above.

J……………………………

K……………………………..

L…………………………….