

NILE SPRING JUNIOR SCHOOL

values of skill and talent inspiration

Primary SEVEN

2024

SCIENCE ASSESSMENT II

Time allowed: 1 hour 15 minutes

Name: _____

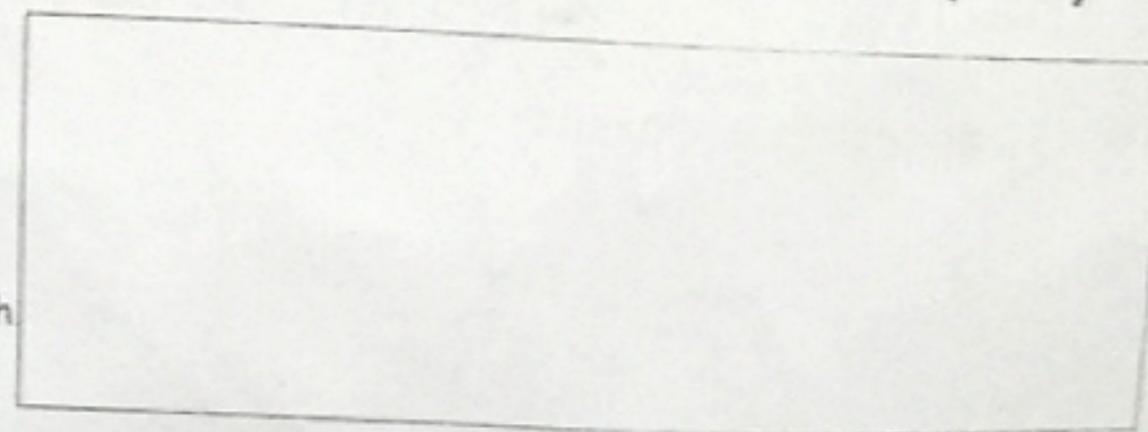
1. Name the stage of a mosquito controlled by pouring oil unto stagnant water.
2. In which way do bacteria help in the production of butter?
3. Write one way in which people use animals in their community.
4. How can a pregnant mother avoid giving birth to a baby with weak bones?
5. The diagram below shows a type of change. Use it to answer question that follow.



Name the type of change shown in the above diagram.

6. State the result of the type of change in the above diagram.

7. Give one way in which echoes are controlled in a cinema hall.
8. Which group of non-flowering plants use seeds for reproduction?
9. Give a reason why patients of Covid19 are treated in isolation.
10. Name one example of a tuber crop.
11. How does a mushroom obtain its food?
12. Give one sign of a cow on heat.
13. State one structural difference between arteries and veins.
14. Why does a feather float on water?
15. State one effect of plastics on soil.
16. How do bees benefit from plants?
17. Name one poisonous substance found in tobacco.
18. Why do people prefer clay made charcoal to metallic ones?
19. In the space below, draw a beak of a preying bird.



20. How is a preying bird adapted to its mode of feeding?

21. Give one example of a non-renewable resource in the environment.

22. State one factor which affects the speed of sound in a musical instrument.

23. Why should we keep our bodies clean?

24. Who is a casualty?

25. Name one item used to promote PHC at school.

26. How can farmers improve on their local breeds of cattle?

27. Give one example of a sea mammal.

28. Name the germ which causes Newcastle in poultry.

29. How is a housefly able to spread disease, causing germs to people?

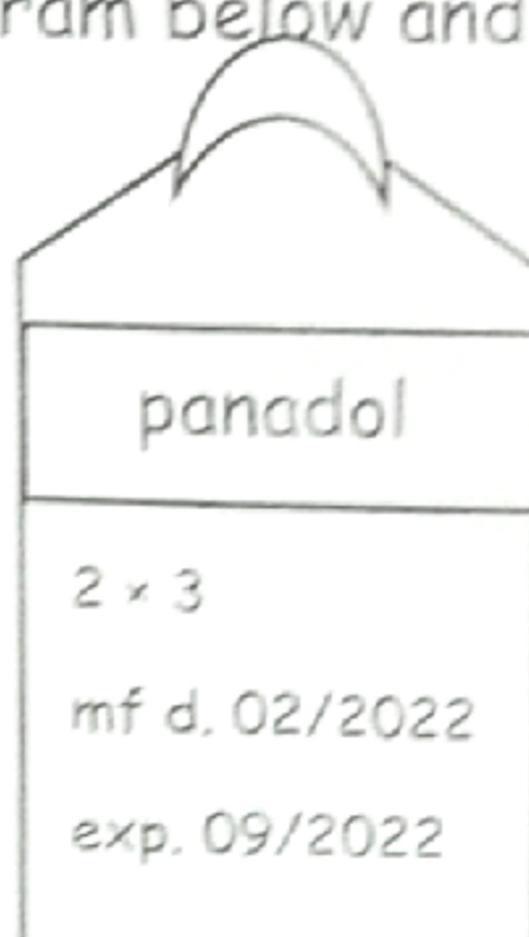
30. What is the role of a queen bee in a hive?

31. Give a reason why sound cannot pass through a vacuum.

32. Write STD's in full.

33. Which class of food is digested in the mouth?

34. Study the diagram below and use it to answer questions that follow.



Name the above practice.

35. Why shouldn't a patient use the above drug in October 2022?

36. Give one cause of road accident.

37. Which structure enables maximum absorption of food in the ileum?

38. Name one source of food in the environment.

39. State the best method of preserving cassava for at least one month.

40. How is a grasshopper similar to a snail?

SECTION B:

41. a) Name two classes of vertebrates that undergo external fertilization.

i. _____

ii. _____

b) Name the natural environment where the above animals breed from.

c) Give one way of conserving animals like fish in the environment.

42. a) Name any two methods of administering vaccines to infants.

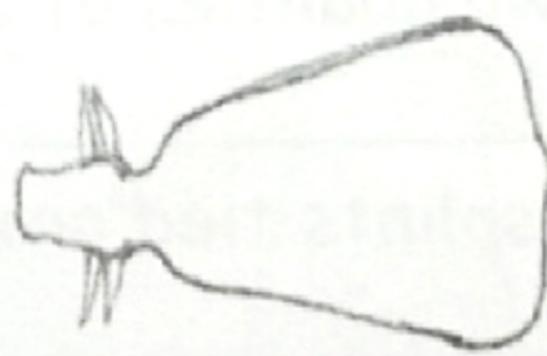
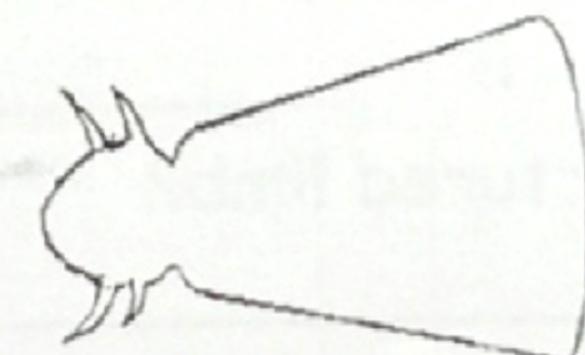
i. _____

ii. _____

b) Why is immunization free of charge in Uganda?

c) Give one immunisable disease controlled by wearing a face mask.

43. Study the diagram below and use it to answer questions that follow.



a) Name the type of cattle marked with letter;

A _____

B _____

b) State one characteristic of the type of cattle marked B.

c) Write AI in full as used in cattle management.

44. a) Mention two elements of PHC.

i. _____ ii. _____

b) Name the element of PHC promoted by practicing the following activities.

i. Sweeping the compound _____
ii. Eating a balanced diet _____

45. a) Mention any two musical instruments that produce sound when their strings are plucked.

i. _____ ii. _____

b) How can you increase the pitch of sound produced by a string musical instrument?

c) Name one method of reproducing musical sound.

46. a) State two qualities of a good first aider.

i. _____ ii. _____

b) Why are splints tied around a fractured limb?

c) Give the first aid for a snake bite.

47. a) State the type of change which takes place when;

i. A chameleon changes skin colour _____
ii. Fresh milk goes sour _____

b) Give two characteristics of a physical change.

i. _____
ii. _____

48. a) Why should breast feeding mothers be given a lot of fluids to drink?

b) How can a pregnant mother and her unborn baby be protected against tetanus?

c) Apart from breast feeding mothers, write two examples of vulnerable groups of people.

i. _____

ii. _____

49. a) Mention any two uses of carbon-dioxide in our daily life.

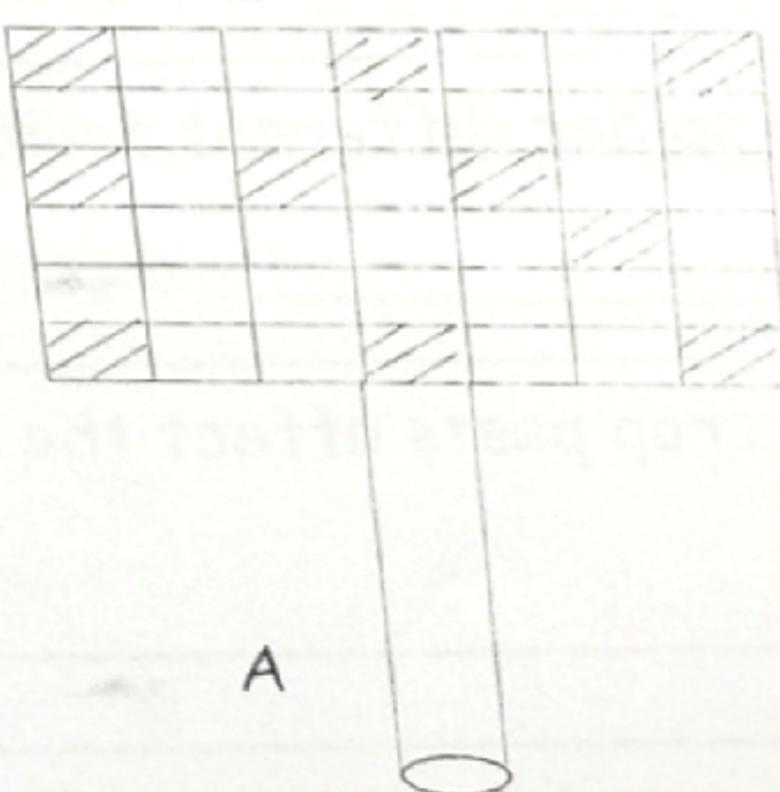
i. _____

ii. _____

b) Which property of air enables one to suck soda from a bottle using a straw?

c) State one disadvantage of oxygen gas to man.

50. Study the diagram below and use it to answer questions that follow.



a) Mention the energy resource in the environment that helps to run the devices shown above.

A _____

B _____

b) State two uses of energy resource produced by device A.

i. _____

ii. _____

51. a) Name any two examples of craft materials.

i. _____ ii. _____

b) Give any two ways in which craft materials are useful to people.

i. _____ ii. _____

52. a) Give any two reasons why one would classify a spider under arachnids.

i. _____ ii. _____

b) Apart from spiders, write one example of an arachnid.

c) How is the reproduction of a spider different from that of a scorpion?

53. a) State any two ways in which crop pests affect the tuber crops.

i. _____

ii. _____

b) Why should a granary have rat guards on its stands?

c) Give any one mechanical method of controlling tuber crop pests.

54. a) Write down one sign of HIV/AIDS.

b) Give any two effects of HIV/AIDS to an individual.

i. _____

ii. _____

c) How best can a P.6 pupil prevent him/herself from contracting HIV/AIDS?

55. The table below has two lists. List A shows malnutritional diseases and B has food values. Match them correctly.

List A

marasmus

kwashiorkor

Goitre

Anaemia

List B

Iodine

Iron

Carbohydrates

Proteins

i. Marasmus _____

ii. Kwashiorkor _____

iii. Goitre _____

iv. Anaemia _____

God Bless You.