



OUTREACH SCHOOLS EXAMINATIONS BOARD

END OF TERM I EXAMINATION 2024

P.6 SCIENCE

Time Allowed: 2 hours 30 Minutes

Pupil's Name:

Class:

School Name:

INSTRUCTIONS:

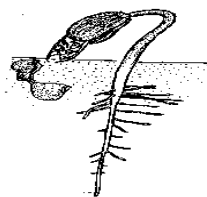
1. Answer all questions.
2. Any drawing must be done in pencil.
3. Use a very good handwriting.

SECTION A	
SECTION B	
TOTAL	

SECTION A (40 MARKS)

1. Name the organ that pumps blood to all body parts.
.....
2. Why is it important to wash fruits before eating them?
.....
3. Besides earthworms, mention one other organism that improves on soil aeration.
.....
4. Give anyone device that is used to reproduce stored sound.
.....
5. How can farmers improve on the quality of local breeds of goats?
.....
6. Why is a tape worm regarded as an invertebrate?
.....

The diagram below shows a type of germination. Use it to answer question 7 and 8.



7. Identify the type of germination shown above.
.....
8. Apart from beans, give any one other plant with such a type of germination.
.....
9. Give any one reason why people drink alcohol?
.....

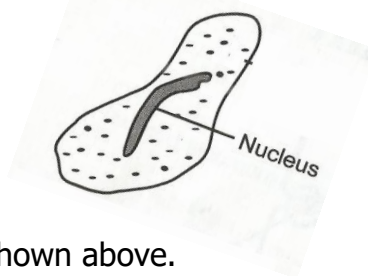
Prepared by: *OSEB* Educational Consult – Kampala

Tel: 0775787978/0742845900/0750235921

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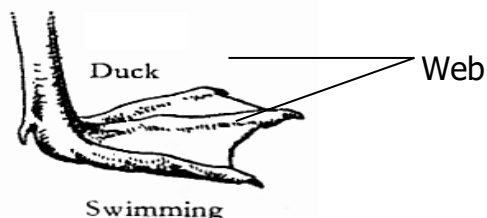
10. State any one disadvantage of rearing poultry using free range system.
.....
11. Mention any one childhood immunisable disease spread through air from an infected person.
.....
12. How is a tilapia similar to a tadpole in terms of breathing?
.....
13. State any one danger of fungi to man.
.....
14. Write down one reason why breast feeding mothers are grouped under vulnerable people.
.....
15. Name anyone example of an essential drugs.
.....
16. In which way is a dustbin important in promotion of proper sanitation in a classroom?
.....
17. Why does blood go to the lungs before being pumped to other parts of the body?
.....
18. Write does one reason why farmers rear rabbits on their farms
.....
19. To which group of cold blooded vertebrates do lizards and tortoises belong?
.....

The diagram below shows a blood cell. Use it to answer question 20 and 21.



20. Name the blood cell shown above.
.....
21. How is the blood cell shown above important in the body?
.....
22. State any one importance of a child health card.
.....
23. Mention any one vegetable crop whose seedlings are first raised in the nursery bed.
.....
24. Why are gaps left between the length o f a railway line during construction?
.....
25. Give anyone example of a vitamin deficiency disease.
.....
26. Which part of the human ear helps to maintain body balance and posture?
.....

The diagram shows a foot of a certain bird. Use it to answer questions 27 and 28.



27. To which group of birds does such a foot belong?

28. Besides ducks, give any one other example of a bird with such a foot?

29. How is burning of wood similar to rusting of metals?

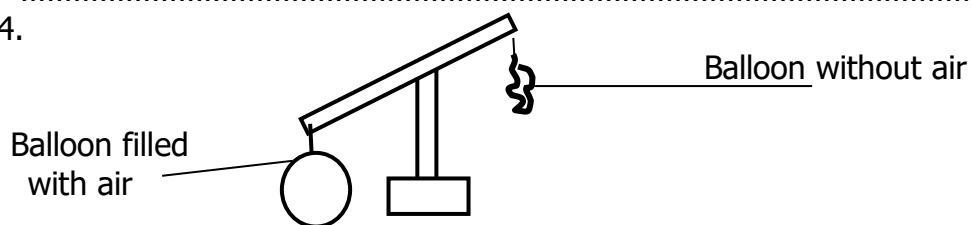
30. Mention anyone member of a nuclear family.

31. State any one method of soil formation.

32. Write down one adaptation of the ileum to its function of absorbing digested food?

33. How does crop rotation help to control crop pests?

34.



Why does a balloon with air go down?

35. Give any one similarity between a spider and a grasshopper.

36. Mention any one process that involves the action of bacteria in the environment.

37. Name any one breed of goats kept for milk production.

38. How do animals benefit from plants?

39. What type of energy is possessed by bricks on a moving lorry?

40. Mention one state of matter in which heat travels by means of convection.

SECTION B (60MARKS)

41. a) What is smoking?

.....

b) Name two dangerous substances found in tobacco.

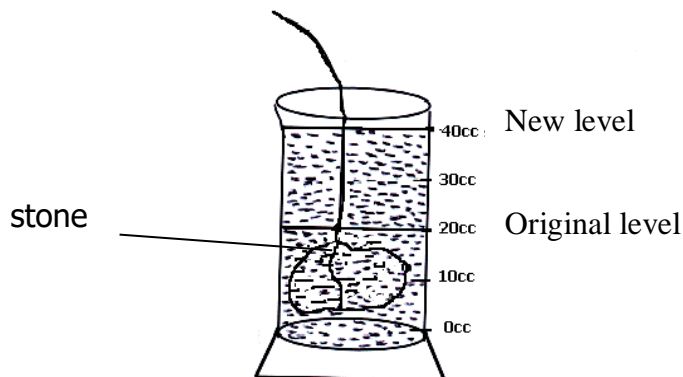
i).....

ii).....

c) How is smoking dangerous to a pregnant woman.

.....

42. **The diagram below shows a method of finding volume. Use it to answer questions that follow.**



a) Find the volume of the stone in the diagram.

b) Calculate the mass of the stone if its density is 4g/cc.

c) Name the method of finding volume of object shown above.

.....

43. a) What are poultry vices?

.....

b) Name any one example of poultry vice.

.....

c) State one way of controlling poultry vices on a poultry farm.

.....

d) State any one importance of poultry to man.

.....

44. a) Bees visit flowers to collect nectar. How do flowering plants benefit from bees?

b) Give any one cause of swarming in bee keeping.

c) State the main role of a drone bee in a hive.

d) Name the sticky substance used by worker bees to repair the hive?

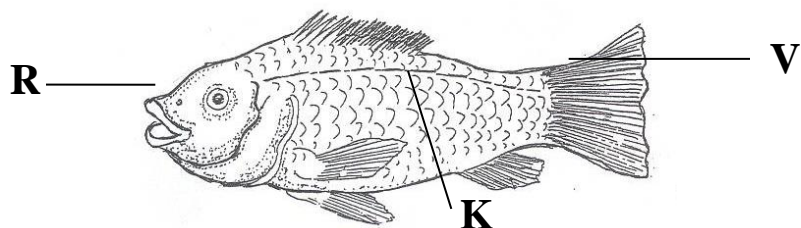
45. a) State the main difference between vertebrate and invertebrates.

b) Why are frogs and toads regarded as poikilothermic vertebrates?

c) Point out one way birds and mammals are similar.

d) Mention one reason why bats are called mammals yet they fly like birds.

46. The diagram below shows a fish. Study it and answer the questions which follow.



(a) Name the parts labelled R and V.

(i) R..... (ii) V.....

(b) What is the use of part K to the fish?

(c) Name the habitat for the above animal.

47. a) Give any two examples of chemical changes.

i)

ii)

b) Mention one example of a biological change in plants.

c) Point out one way chemical changes are similar to biological changes.

48.a) Mention any two classes of food digested along the alimentary canal.

i)

ii)

b) In which part of the digestive system does absorption of food take place?

.....

c) State the main role of enzymes in the process of food digestion.

.....

49.a) What is the difference between heat and temperature?

.....

b) State any one effect of heat on matter.

.....

c) Convert 20°C to °F (2mks)

50. Match items in List A with those in list B correctly.

List A

Caterpillar

Wiggler

Maggot

Nymph

List B

Cockroach

Mosquito

butter fly

Housefly

i. Caterpillar

.....

ii. Wiggler

.....

iii. Maggot

.....

iv. Nymph

.....

51.a) Name any one breed of pigs reared in Uganda.

.....

b) Point out two reasons why castration is important in piggyery.

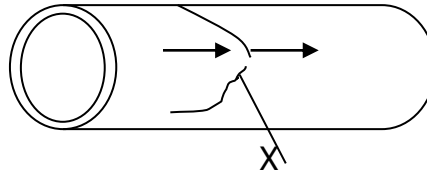
i)

ii)

c) Identify any one viral disease which affects pigs.

.....

52. The diagram below shows a blood vessel. Use it to answer the questions that follow.



a) Name the blood drawn above.

b) State the function of part marked **X** in the blood vessel.

c) Which type of blood carried by the blood vessel in the diagram above?

d) Mention any one way of maintaining the proper functioning of the circulatory system.

53. a) How do bacteria reproduce?

b) State any two ways bacteria can be important in our environment.

i)

ii)

c) Name one bacterial disease which affects man.

54. a) Write PHC in full.

b) Mention two elements of PHC.

i)

ii).....

c) How can you as a P.6 pupil promote PHC at school?

55. a) Why is loam soil the best for crop growing?

b) State two reasons why mulching is important in crop growing.

i)

ii).....

c) Give one example of materials used in mulching.

END