



GULU DISTRICT EXAMINATIONS COMMITTEE
PRIMARY SEVEN PRE-MOCK EXAMINATIONS 2022
PRIMARY SEVEN
INTEGRATED SCIENCE
Time Allowed: 2Hours 15 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

School Name:.....

District:.....

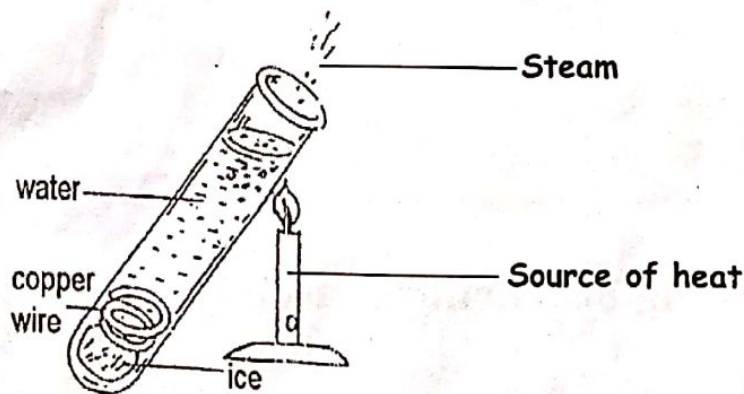
Read the following instructions carefully

1. This 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 done using a blue or black-ball-point pen or fountain pen.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill anything in the boxes shown "**For Examiners' Use Only**" and those inside the question paper

| FOR EXAMINER'S USE ONLY | | |
|----------------------------|-------|-----------|
| Qn. No | Marks | EXRS' NO. |
| 1-10 | | |
| 11-20 | | |
| 21-30 | | |
| 31-40 | | |
| 41-43 | | |
| 44-46 | | |
| 47-49 | | |
| 50-52 | | |
| 53-55 | | |
| TOTAL | | |

SECTION A

1. Give a reason why distilled water is not recommended for drinking?
.....
2. Name the device used to guard against damage to appliances by too much electric current.
.....
3. State any one way in which a farmer can control crop diseases without using chemicals.
.....
4. Give one practice that can help to control the spread of cholera in a school.
.....
5. Which structure in the white blood cells help it to fight disease causing germs in the body?
.....
6. Study the experiment below and answer the question that follows.



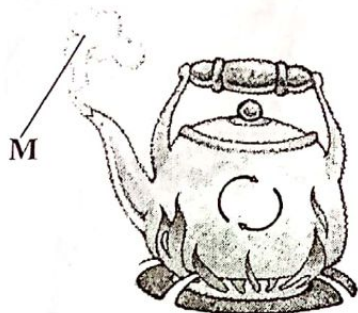
Why doesn't the ice at the bottom of the test tube melt?

.....

7. What is diffusion?
.....
8. Which type of soil allows water to go through it easily?
.....
9. Give any one reason why human beings breathe in.
.....
10. Apart from a zebra-crossing, give one spot where a school child can easily cross a busy road.
.....
11. To which group of machines is a road winding uphill?
.....
12. State one similarity in structure of a snake and a tortoise.
.....

13. Mention any one way in which communicable diseases are spread.

14. Study the diagram below and use it to answer question 31.



Name part labeled M.

15. State one natural source of sound energy.

16. Which sense organ in the human body helps people to hear music?

17. Give any one example of a leafy vegetable.

18. What is the use of a kennel in any given home?

19. How can one reduce the speed of fast flowing water in the school compound?

20. Give the venereal disease in humans which is caused by a virus.

21. Which type of bee is fed on Royal jelly?

22. Why do wading birds have long legs and feet?

23. State one way of preventing scurvy in children.

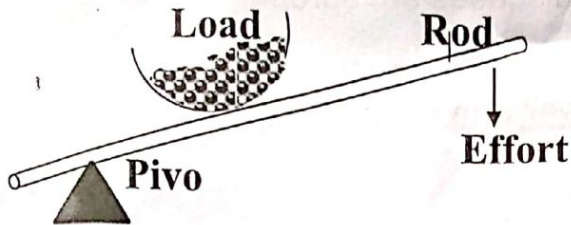
24. Mention the disease which is likely to break out in case tsetse flies bite livestock on farm.

25. Name the immunisable disease controlled by use of B.C.G vaccine.

26. State the property of Air which enables cloth to dry when hanged.

27. Mention any one example of natural manure.

28. In the diagram below, what class of lever is represented?



29. Why do most poultry keepers prefer using artificial incubation to mother hens incubation?

30. In which way do bacteria help in soil formation?

31. Name the part of an insect that has the same function as the gills of the fish.

32. What name is given to small hair found in the nose which clean air in humans?

33. Apart from abstinence from sex, state one other natural method of family planning.

34. What scientific term is used to refer to the scattering of seeds from the mother plant to other areas?

35. State one reason why animals make sound.

36. Why is a box regarded as a non-living thing?

37. How are the roots drawn below important to plants?



38. In which way is a magnet useful to sailors?

39. Besides bacteria, which other living organisms help in the making of alcohol?

40. Why do birds swallow small stones?

(SECTION B 60 MARKS)

41. (a) Identify any one external parasite in goats.

.....
b) What is the gestation period of a goat?
.....

c) State any one method of grazing goats.
.....

d) Apart from getting milk, state any one importance of keeping goats in Uganda.
.....

42. The table below shows different groups of animals. Use it to answer the questions that follow.

| | | | |
|------|-------|-----|-------|
| A | B | C | D |
| FROG | SNAIL | RAT | SNAKE |

(a) In which way are animals A, C and D similar?
.....

(b) How is the reproduction of the animal D different from that in C?
.....
.....

c) To which class of animal does animal B belong?
.....

d) How does animal A protect itself against its enemies?
.....

43. (a) State any two materials used to make O.R.S.
.....

i.

ii.

(b) Write the first step one should do when preparing the O.R.S locally.
.....

(c) How is O.R.S important to child with diarrhoea?
.....

44. Farm records refer to written data showing various activities on a farm.

(a) Mention any one type of record kept by farmers.
.....

(b) State any three reasons why farmers should keep farm records.
.....

i.

ii.

iii.

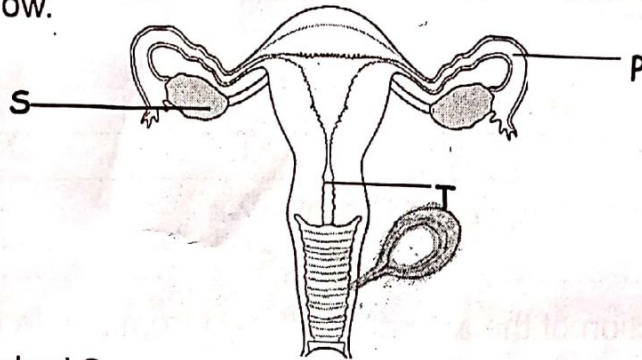
45. Arrange the following processes in their order of happening.

(a) The plumule grows

- (b) The seeds swell
- (c) The Radicals appear
- (d) The seeds take in air and moisture

- (a)
- (b)
- (c)
- (d)

46. The diagram below shows the female reproductive system, study it and answer the questions that follow.



- (a) Name the part marked S.

.....

- (b) Where does implantation take place?

.....

- (c) What type of pregnancy occurs in part P?

.....

- (d) State one disorder that results in the types of pregnancy mentioned in (c) above.

.....

- 47. (a) Which bone joins the pelvis and tibia?

.....

- (b) Explain briefly the following:

- i. Voluntary muscles

.....

.....

- ii. Involuntary muscles

.....

- (c) Give one use of muscles in the body.

.....

- 48. (a) Name the vector that spreads dysentery.

.....

- (b) Give any one sign of dysentery in humans?

.....

(c) Give any two ways of controlling dysentery without using drugs.

- i).....
ii.

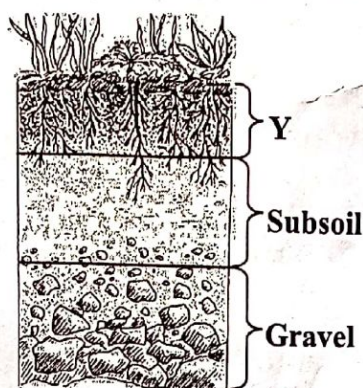
49. (a) What is immunity?

(b) Which type of immunity can a child acquire in each of the following ways?

- i. Immunisation.....
ii. Breast feeding.....

(c) Why are babies said to be vulnerable group of people?

50. Study the diagram and answer the questions that follow.



(a) Name layer labeled Y.

.....

(b) What name is given to the vertical arrangement of soil layers?

.....

(c) Name any two types of soil.

- i. ii.

51. (a) What is friction?

.....

(b) State any two disadvantages of friction.

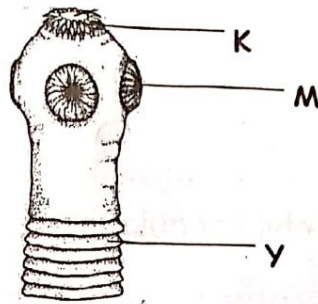
- i.

- ii.

(c) How can friction be reduced in machines?

.....

52. Below is a diagram of an intestinal worm. Study and use it to answer the questions that follow.



(a) Name the worm drawn above.

(b) How does the above worm enter our bodies?

(c) State the use of part M to the worm.

(d) Give one sign of the above worm in a human body.

53. (a) How do animals benefit from plants during photosynthesis?

(b) Name the food made by plants during photosynthesis.

(c) Give the raw materials of photosynthesis.

i. ii.

54. (a) What name is given to the living organism that destroys the farmers' crop in the garden?

(b) State one insect that attack stored grains.

(c) How can a farmer control the pests mentioned in (b) above?

(d) Suggest one way of preserving harvested beans.

55. (a) Mention any one type of digestion.

(b) State the use of saliva during food digestion.

(c) Give any one way the ileum is adapted to its function.

(d) Name any one disease of the digestive system.