



**STANDARD HIGH SCHOOL – ZZANA
LINKED SCHOOLS EXAMINATION PROGRAMME**

**PRE-PRIMARY LEAVING EXAMINATION 2016
INTERGRATED SCIENCE**

2 HOURS 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** Section **A** and **B**.
2. Sections **A** has 40 questions and **B** has 15 questions.
3. Sections **A** carries 40 marks and Section **B** carries 60 marks.
4. Answer all questions in the space provided
5. Answers must be written in blue or black ink
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Unnecessary alterations of work may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated **“For Examiners’ Use Only”** and those inside the question paper.

FOR EXAMINER'S USE ONLY

Qn. No.	Marks	Examiner's No.
1 – 9		
10– 17		
18 – 26		
27 – 36		
37 – 42		
43 – 45		
46 – 48		
49 – 51		
52 - 54		
55		
TOTAL		

Turn Over

SECTION A (40 MARKS)

1. Name **one** danger of keeping our finger nails long

2. What is the role of the tongue in the alimentary canal?

3. Why do famers keep the garden tools dry?

4. Name the type of movable joint on the human knee.

5. How is a bright colour of a flower helpful during pollination?

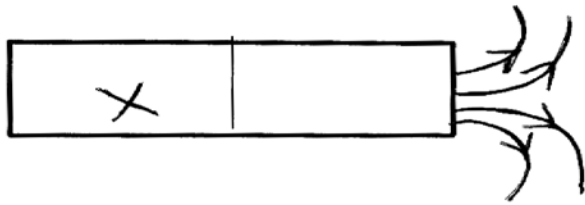
6. Why should a school have a rabbit farm?

7. Name **one** root tuber.

8. By which process are rain clouds formed?

9. In which part of the body is urine stored before it is passed out?

10. The diagram shows a bar magnet. Name pole x



11. What does the term resource mean?

12. What type of machine is an axe ?

13. What do we call the area c in the diagram below?



Torch



opaque
object



c

14. What is anti-social behavior?

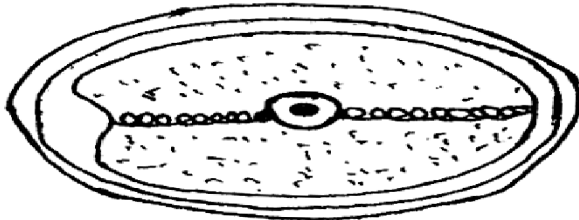
15. How does afforestation conserve the environment?

16. Name **one** sexually transmitted disease that can be carried through breast feeding.

17. Why is it important for a country to carry out population density?

18. How are feelers useful to an insect?

19. The diagram shows a bird's egg. Use an arrow to show the part that is rich in proteins.



20. Which part of the egg develops into a young bird?

21. Why dose a piece of stone sink in water?

22. Which immunisable disease in children makes limbs paralysed?

23. Which type of bee in a bee hive lays eggs?

24. Name the part of a green plant that acts as a nose of a human being.

25. Why is clay soil not good for agriculture?

26. Name the type of energy which a stationary vehicle possesses.

27. Which thermometer is mostly used by health workers?

28. What is a crop pest?

29. Which germ causes ringworm in human beings?

30. In which body organ does blood get oxygenated?

31. Which type of cattle is kept for meat production?

32. Give the term used to describe an injury caused by heat.

33. What are cold blooded animals?

34. Under which group of vertebrates is a tadpole?

35. In which way can wind be used as a resource?

36. What causes sound?

37. Apart from distillation, give **one** method of making alcohol.

38. Give an example of a plant that is propagated through stem cuttings.

39. What is the danger of taking drugs without the doctor's advice?

40. Why should cereals be harvested in dry season?

SECTION B (60 MARKS)

41. Name the **two** types of poultry and what they are reared for:- (4mks)

Type of poultry

What it is reared for:-

a) _____

b) _____

c) _____

d.) _____

42. What is a fracture?

b) Name any **two** types of fractures.

i) _____

ii) _____

c) How is a splint useful in the first Aid of a fracture?

43. A beam is a group of light rays from a given source. Name two types of lenses and the beams of light they produce. (4 mks)

Type of lense

Produced beam

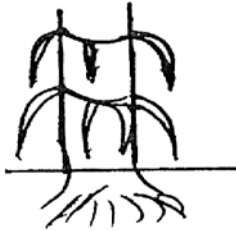
i) _____

ii) _____

iii) _____

iv) _____

44. The picture below shows a type of root system.



a) Name the type of roots

b) Give an example of a plant that has this type of roots.

c) How do these roots help the plant?

45. Blood is made up of many components with different functions. Give the function of each of the parts below.

a) Red blood cells.

b) White blood cells.

c) What do we call a situation when someone does not have enough red blood cells in the body?

d) Name **one** disease that can be carried through blood transfusion

46. Give **two** ways that a cow can benefit from plants.

i) _____

ii) _____

b) What is agro forestry?

c) Give **one** reason why a community can carry out agro forestry.

47. What is sanitation?

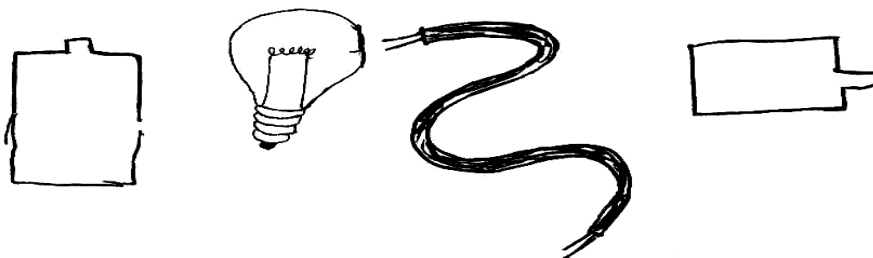
b) Give **three** ways through which germs can enter our bodies.

i) _____

ii) _____

ii) _____

48. The primary seven class at Stahiza Junior Academy were given the items below to make a complete circuit. (4mks)



49. Mr. Okello has a very big cassava garden. Give four things that will show that there are pests in his garden.

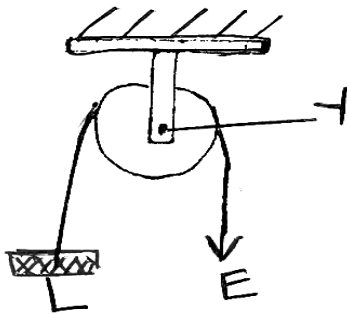
i) _____

ii) _____

iii) _____

iv) _____

50. The diagram shows a simple machine.



a) Name the machine.

b) Name the parts labelled **L** and **Y**

i) L _____

ii) Y _____

c) What can be done at **Y** in order for the machine to move freely?

51. Swarming is a condition when bees look for new homes.

a) Give **three** things that can lead to swarming.

i) _____

ii) _____

iii) _____

b) Give **one** product of bees.

52. What is immunity?

b) Write **two** types of immunity

i) _____

ii) _____

c) Which disease is immunized against in women?

53. What is matter?

b) To which state of matter does each of the objects below belong?

i) milk _____

ii) Steam _____

c) What happens to a piece of iron when it is put into fire, apart from getting hot?

54. Which type of mosquitoes carry malaria?

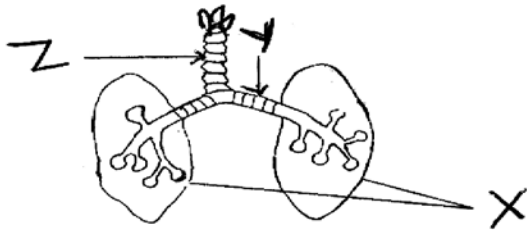
b) Apart from clearing the bushes around our homes, give **two** ways of controlling the spread of malaria.

i) _____

ii) _____

c) Which disease is carried by a culex mosquito?

55. Below is a diagram showing part of the breathing system. Use it to answer the questions.



a) Name the parts X and Y

X _____

Y _____

b) How does part Z clean the air?
