



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

**PRE-PRIMARY LEAVING EXAMINATION 2017  
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:**

<b>FOR EXAMINER'S USE ONLY</b>

1. This paper has **two** Section **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 written using a blue or black ball-point pen or ink. Diagrams should be drawn in pencil.
4. **No** calculators are allowed in the examination room.
5. Unnecessary changes of work may lead to loss of marks.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Do **not** fill anything in the boxes indicated **“For Examiners’ Use Only”** and those inside the question paper.

Qn. No.	Marks	Examiner's No.
1 – 6		
7 – 11		
12 – 17		
18 – 21		
22 – 23		
24 – 26		
27 – 29		
30 – 31		
32		
<b>TOTAL</b>		

*Turn Over*

**SECTION A (40 MARKS)**  
**Question 1 – 40 carry one mark each**

1. What is the main source of food in our community?

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2. Why do bees visit flowers?

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3. Which body organ is sensitive to light?

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4. Which common insect spreads diahorrea in human beings?

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5. Name one accident at home.

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6. Why does blood go to the kidneys during circulation?

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7. Which type of energy does a parked bus have?

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8. How is the government of Uganda controlling the spread of malaria?

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9. Which farm animal is likely to suffer from ear canker?

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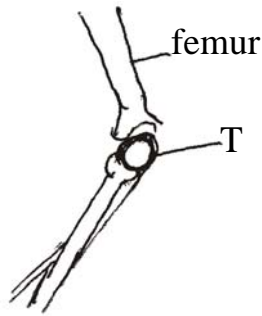
10. How is a silver fish different from tilapia fish?

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11. What do we call insects that share responsibilities where they live?

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The diagram shows part of a human skeleton. Use it to answer questions 12-14.



12. Name bone T

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13. On which part of the body are these bones found?

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14. Name the type of movable joint shown on the diagram.

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15. How is chlorophyll useful on a leaf of a green plant?

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16. What type of machine is a ladder leaning on a wall?

---

17. Name one antisocial behavior among adolescents.

---

18. Give an example of essential drugs.

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19. Which units are used to measure volume?

---

20. Which immunisable disease makes a person's limbs weak?

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21. What is the main function of the incisor teeth in human beings?

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22. Name the organic part of soil.

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23. Which state of matter has its molecules very compact?

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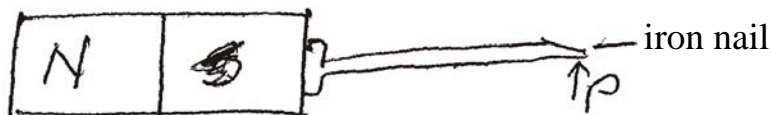
24. What is the major natural source of heat?

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25. How does weeding control the spread of crop pests?

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**Below is a method of magnetisation. Use it to answer questions 26 - 27**



26. What is this method called?

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27. Which magnetic pole will P become after the experiment?

---

28. Why is firewood a resource?

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29. Which part of the body stores urine?

---

30. Mary put a sharp stick into her ear. Which part is she likely to have damaged?

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31. In which way can poor disposal of feaces affect our community?

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32. Name on effect of smoking cigarettes to the smoker?

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33. Which part of air is used in fire extinguishers?

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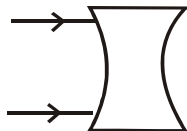
34. How do cattle farmers control the spread of foot and mouth disease?

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35. Why is a spider not an insect?

---

36. Below shows light rays meeting a transparent object. Complete the diagram.



37. Which blood vessels have valves?

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38. How are very light plant seeds dispersed?

---

39. Which intestinal worm is a person likely to get due to eating half cooked meat?

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40. How can a farmer keep the soil in the garden moist?

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**SECTION B (60 MARKS)**  
**(Questions 41 – 55 carry four marks each)**

41. a) Name any three groups of vulnerable people.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

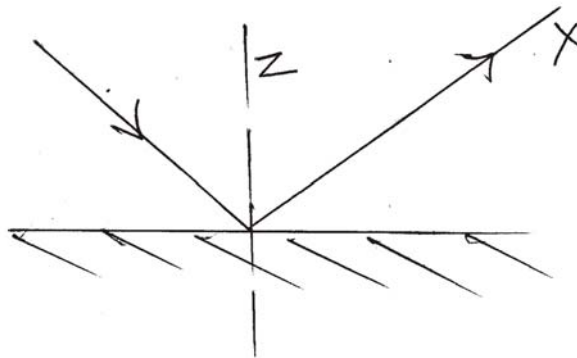
b) Why are these people referred to as “vulnerable?”

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

42. The diagram below shows the behavior of a ray of light on a shiny surface. Use it to answer the questions that follow.



a) Name the parts X and Z.

X \_\_\_\_\_ Z \_\_\_\_\_

b) What is this behavior called?

\_\_\_\_\_

c) Name one way it helps us in our daily life.

\_\_\_\_\_

43. a) What are vertebrates?

\_\_\_\_\_

b) Give two examples of vertebrates

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) What is the function of the backbone in human beings?

\_\_\_\_\_

44. a) What is food contamination?

\_\_\_\_\_

b) Mention two ways food can be contaminated

i) \_\_\_\_\_

ii) \_\_\_\_\_

45. Match the instruments in A with their uses in B.

**Instrument**

a) Rain gauge

b) Anemometer

c) Wind vane

d) Minimum Maximum thermometer

**Use**

to record temperature of a place.

to show direction of wind.

to measure the amount of rainfall in an area.

to record the speed of wind.

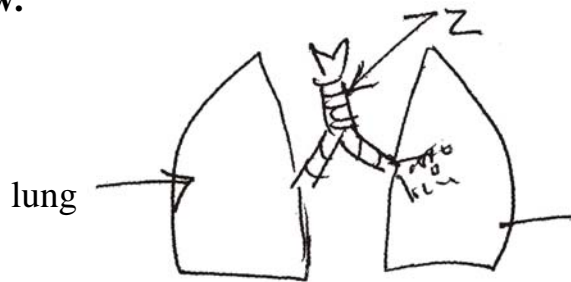
a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

46. The diagram below shows part of a body system. Study it and answer the questions that follow.



- a) To which body system does it belong? \_\_\_\_\_
- b) Name part Z \_\_\_\_\_
- c) How do these organs help in blood circulation?  
\_\_\_\_\_
- d) Give one social habit that may damage these organs.  
\_\_\_\_\_
47. a) What name is given to the process by which green plants make their food?  
\_\_\_\_\_
- b) Which food is produced during the above process?  
\_\_\_\_\_
- c) Apart from water, what else is needed to make the food in these plants.  
\_\_\_\_\_
- d) Why are organisms called mushrooms unable to make their food?  
\_\_\_\_\_
48. a) Name two types of changes in nature
- i) \_\_\_\_\_
- ii) \_\_\_\_\_



b) What type of change is melting?

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c) Which type of change takes place when a metal rusts?

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49. a) What is First Aid?

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b) Give any two reasons why we should give first aid.

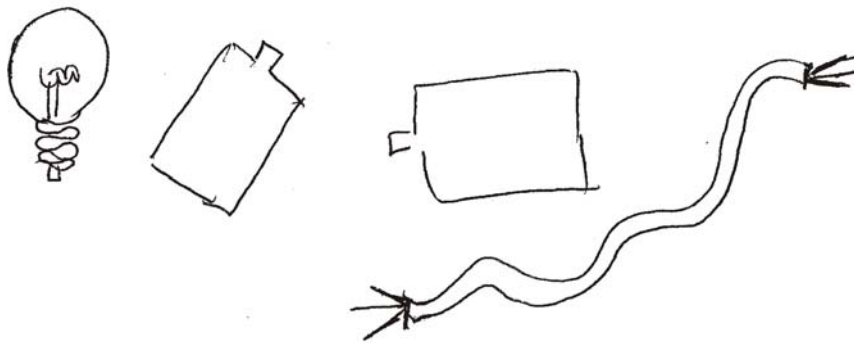
i) \_\_\_\_\_

ii) \_\_\_\_\_

c) How is a splint useful to a broken bone of a forearm?

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50. Using the objects below, make a complete circuit



51. a) What is the name given to the force that opposes movement?

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b) Give two ways by which this force can be of a disadvantage

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) How are motor vehicle tyres made to increase the above force?

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52. a) What are poultry vices?

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b) Name any two vices of poultry.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) What is the use of snail shells in layers marsh?

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53. a) What general name is given to the growth stages of a housefly?

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d) How are the growth stages of a housefly different from that of a grasshopper?

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e) Which stage of growth in a butterfly is a crop pest?

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f) How are grasshoppers useful in some communities?

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54. a) What is soil conservation?

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b) Give two ways of soil conservation in hilly areas.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Why is it dangerous to build a house in the valley?

---

55. a) Give two types of latrines.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Give two diseases caused by poor disposal of faeces.

i) \_\_\_\_\_

ii) \_\_\_\_\_