



STANDARD JUNIOR SCHOOL – ZZANA

MID TERM ONE BREAK – HOME TESTS, 2020

P7 SCIENCE (SET THREE)

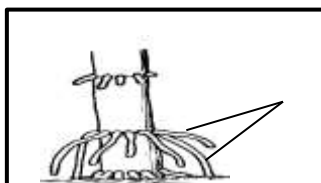
Time Allowed: 2 hours 15 minutes

SECTION A
SECTION B
TOTAL

NAME:

SECTION A: 40 MARKS

1. Give any one component of soil.
.....
2. State the health precaution practiced by people after visiting latrines.
.....
3. Mention any one form of energy.
.....
4. State one way how rain water can be made safe for drinking.
.....
5. Why do electricians put on gloves when installing electricity?
.....
6. Give one reason for filtering water before using it for washing.
.....
7. Why is BCG vaccine administered at birth?
.....
8. Which type of blood vessels contains valves?
.....
9. Why do some trees shed their leaves in dry seasons?
.....
10. Name any one physical process involved in rain formation.
.....
11. State any one activity done to control mosquitoes at home.
.....
12. Identify the virus that causes AIDS.
.....
13. How are the roots marked **X** useful to the plant.



X

.....
14. Mention anyone raw material for photosynthesis.
.....

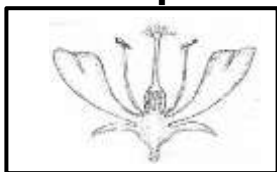
15. Why is soya beans grouped under legumes?
.....

16. Which part of air is used by plants to manufacture proteins?
.....

17. Which body organ is mainly affected by excessive consumption of alcohol?
.....

18. State any one way how crop farmers can control pests in the garden without using chemicals.
.....

Use the part of the plant drawn below to answer questions 19



19. Name the biological change that takes place in the part of the plant shown above.
.....

20. State one way of reducing the spread of intestinal diseases.
.....

21. Why are fleas regarded as vectors?
.....

22. Mention any one role of children in a family.
.....

23. What method can be used to find the volume of irregular shaped objects?
.....

24. Name the state of matter in which heat travels by convection.
.....

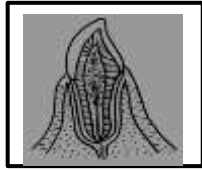
25. State any one way in which some plants benefit from growing near other plants.
.....

26. Why should clean containers be used in preparation of ORS?
.....

27. Write one use of food in human body.
.....

28. In which way is bottle feeding of a disadvantage to the baby?
.....

Below is a diagram of a human tooth. Use it to answer question 29 and 30.



29. How is the tooth above able to tear food?

.....

30. Apart from the above tooth, name any other type of teeth.

.....

31. Why should a goat shed be kept clean?

.....

32. Which sanitary equipment is used for proper drying of washed utensils at home?

.....

33. How are road signs useful to road users?

.....

34. State one way in which crop farmers control caterpillars in their gardens.

.....

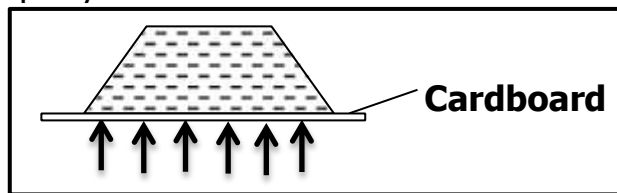
35. Name the form of energy produced by a plucked guitar string.

.....

36. Give one factor considered when sorting clothes for cleaning.

.....

37. Which property of air is shown below?



.....

38. How important is a stretcher to a first aider?

.....

39. What is the use of a tongue in the process of food digestion?

.....

40. Suggest one way of controlling soil erosion on hilly areas.

.....

SECTION B: 60 MARKS

41. a) Name any two non-metallic garden tools used by farmers.

- i)
- ii)

b) In which two ways can a farmer maintain the efficiency of the garden tools?

- i).....
- ii)

42. a) What is the purpose of giving first aid to a casualty?

.....

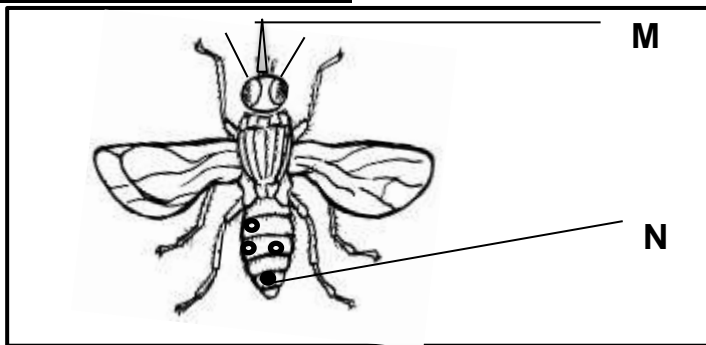
b) Mention any two items found in the first aid box.

- i) ii)

c) Identify any one quality of a good first aider.

.....

43. **The diagram below is one of the insect vectors; use it to answer the questions that follow.**



a) Identify the vector above.

.....

b) Name the parts marked with letters **M** and **N**

M **N**.....

c) How is part marked with letter M important to the insect vector above?

.....

44. a) State any two causes of cannibalism in fowls.

- i)

- ii)

b) How best can a poultry farmer make use of chicken droppings?

.....

c) Name any one disease which attack fowls

.....

45. a) Suggest any two measures that can be observed to prevent accidents caused by foreign bodies.

- i)
- ii)

b) Give any two places where drowning can take place.

- i)
- ii).....

46. a) State the meaning of the term dehydration.

.....

b) Write down any one cause of dehydration.

.....

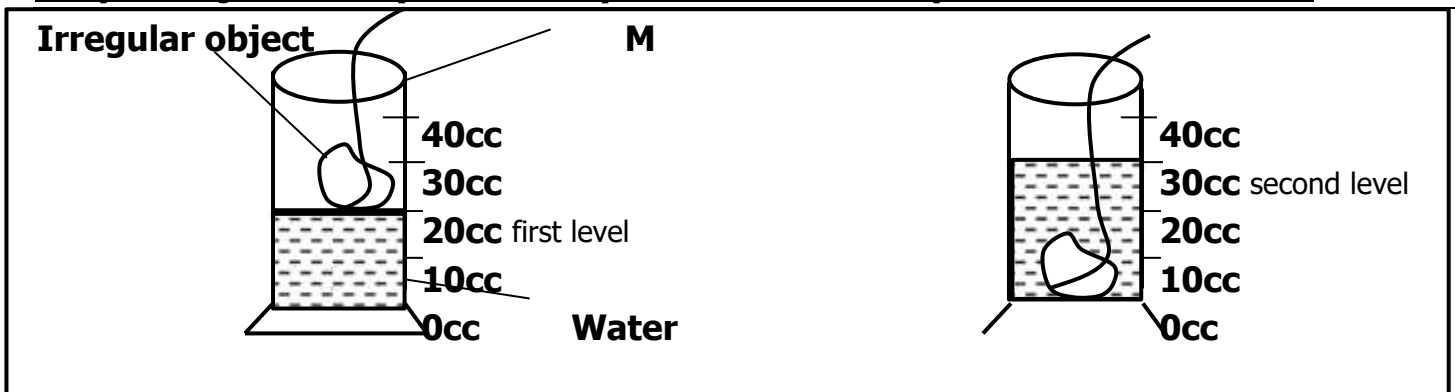
c) Mention one component of ORS.

.....

d) Give a reason why dehydrated people are given ORS.

.....

47. The diagram below shows a method used to find the volume of irregular shaped object. Study it carefully and answer the questions that follow.



a) State the method of finding the volume of irregular object in the above diagram.

.....

b) Name the container marked with letter "M" in the above diagram.

.....

c) Calculate the volume of the irregular objects in the above diagram (2 marks)

48. a) Name any one game that children play using wind.

.....

b) In which two ways is strong wind dangerous in our community?

i)

ii)

c) How is wind different from air?

.....

49. a) Otukol grows maize on a large scale. Identify any factor he considered before starting maize farming.

.....

b) Mention one common pest to his maize fruit in the garden.

.....

c) What advise would you give to Otukol to control the pest in (b) above?

.....

d) Why would you encourage Otukol to introduce bee keeping in his maize farm?

.....

50. **Match the disease in A to the body organ that they affect in B below.**

Diseases (A)

Body organ (B)

Trachoma

Lungs

Tuberculosis

Eyes

Peptic ulcers

Brain

Meningitis

Stomach

Trachoma:

Tuberculosis:

Peptic ulcers:

Meningitis:

51. a) Which type of immunity is got;

i) after suffering and recovering from a disease without treatment?

..... ii)

after being immunized?

.....

b) Of what importance is immunity to the body?

.....
 c) Why is polio vaccine administered to babies?

52. a) Explain the meaning of the term harvesting honey?

b) Give two equipment that a bee keeper needs when harvesting honey from a hive.

i) ii)

c) Write one advantage of modern bee hive over a traditional bee hive.

53. **The table below shows different food staffs eaten in different four families. Study it and answer the questions that follow.**

Family	Chicken	Maize	Cabbage	Fruit
A	x	✓	✓	x
B	✓	✓	✓	✓
C	✓	✓	✓	x
D	x	✓	x	✓

Included in the diet

Not included in the diet.

.....
 a) Which food staff is eaten by all families?

c) Identify the families that feeds its members on proteins.

d) Which type of proteins is included in the table?

d) Which family is likely to have cases of constipation?

54. a) Briefly explain the following terms.

- i) Solute.
- ii) Solvent.....
- b) Give one example of a solute.
- c) Why is water called a universal solvent?
.....

55. a) Decomposition is one of the method in soil formation. Point out one organism that help in decomposition of matter.
.....

- b) Which component of soil is formed in (a) above?
.....
- c) How is the component of soil mentioned in (b) above important to crops?
.....
- d) Why would you encourage farmers to maintain plant growth on their gardens?
.....

END