

STANDARD JUNIOR SCHOOL-ZZANA
MID TERM ONE EXAMINATIONS
2024

P.6 INTEGRATED SCIENCE

Time allowed: 2hours: 15minutes.

Name:

Stream:

District ID

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Read the following instructions carefully.

1. This paper has two sections: **A** and **B**.
section **A** has **40** questions and section **B**
has **15** questions.
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. Any work written
in pencil will **not** be marked.
4. Unnecessary **changes** in your work and
handwriting that cannot be read easily may
lead to **loss** of marks.
5. Do not fill anything in the table indicated
"FOR EXAMINERS' USE ONLY" and the
boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn.	MARKS	EXR'S INITIAL
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
TOTAL		

SECTION A: 40 MARKS

Questions **1** to **40** carry **one** mark each.

1. State any **one** characteristic of living things.

.....

2. How do plants differ from animals in the way they obtain their food?

.....

.....

3. Where does the process of digestion in the body end?

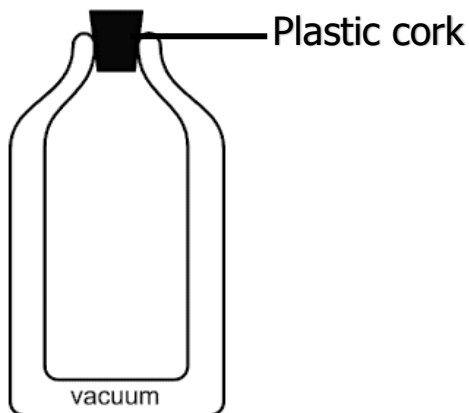
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4. State any **one** effect of heat on matter.

.....

.....

The diagram below shows an equipment used at home. Use it to answer questions **5** and **6**.



5. Name the equipment shown above.

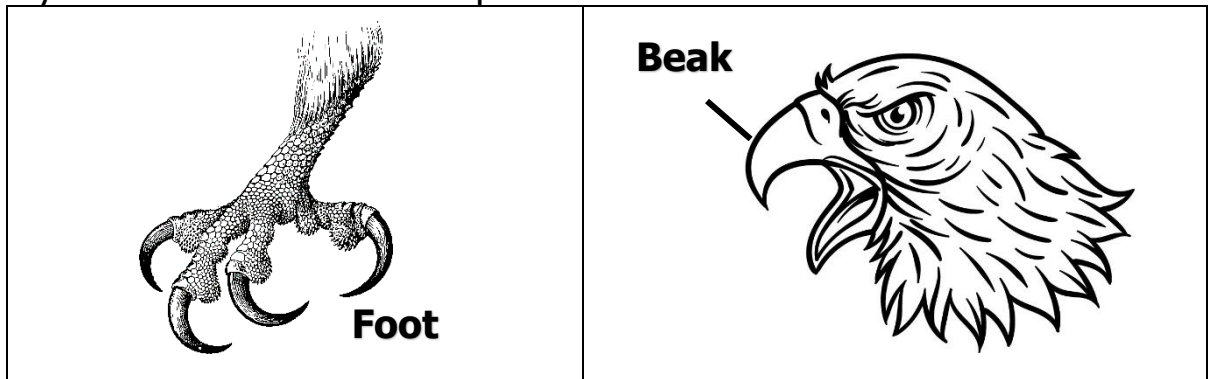
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6. State the importance of the equipment above at home.

.....

7. Name any **one** substance needed by plants to make their own food.
-
8. Which group of birds help in cleaning our environment?
-
9. Why does a stone sink when placed in water?
-
10. Why are gaps left during the construction of a railway line?
-
11. Give **one** reason for washing hands after visiting the latrine.
-
12. Of what importance is using litter in a poultry house?
-
13. Why is it advisable to boil water for drinking?
-
14. Name the type of soil best for crop growing.
-
15. Name any **one** place where bacteria can be found.
-
16. State any **one** way of promoting sanitation in our classrooms.
-

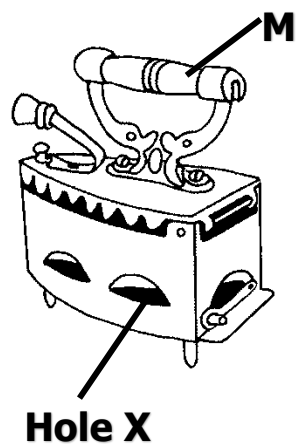
The diagram below shows a foot and beak of a certain group of birds. Study it and use it to answer questions **17** and **18**.



17. Name the group of birds with such a beak and foot.
-
18. Give any **one** example of a bird with such a beak and foot.
-
19. Name any **one** example of a deficiency disease.
-
20. State any **one** danger caused by wind to the environment.
-
21. Write down any **one** condition that favours the multiplication of bacteria.
-
22. What is the main source of water in our environment?
-
23. How does a burn differ from a scald?
-
-

24. State any **one** reason why some people keep poultry.
.....
25. Which element of Primary Health Care is promoted through washing our clothes?
.....
26. State any **one** characteristic of a good house for goats.
.....
27. Name the body organ that filters blood.
.....
28. State any **one** danger of poor disposal of rubbish in a school.
.....

The diagram below shows a charcoal flat iron. Use it to answer questions **29** and **30**.



29. Why is part **M** above made of wood?
.....
30. State the importance of **hole X** to the flat iron.
.....

31. How is a razorblade important in promoting personal hygiene?

.....

32. State the main product obtained from a merino sheep.

.....

33. Give any **one** condition necessary for rusting to take place.

.....

34. Name any **one** disease prevented using **DPT** vaccine.

.....

35. State the role of enzymes in the human body.

.....

36. Name any **one** product obtained from beewax.

.....

37. Name the hardest part of a tooth.

.....

38. Which component of **ORS** helps the victim to regain energy?

.....

39. How does breast feeding help to boost the baby's immunity?

.....

.....

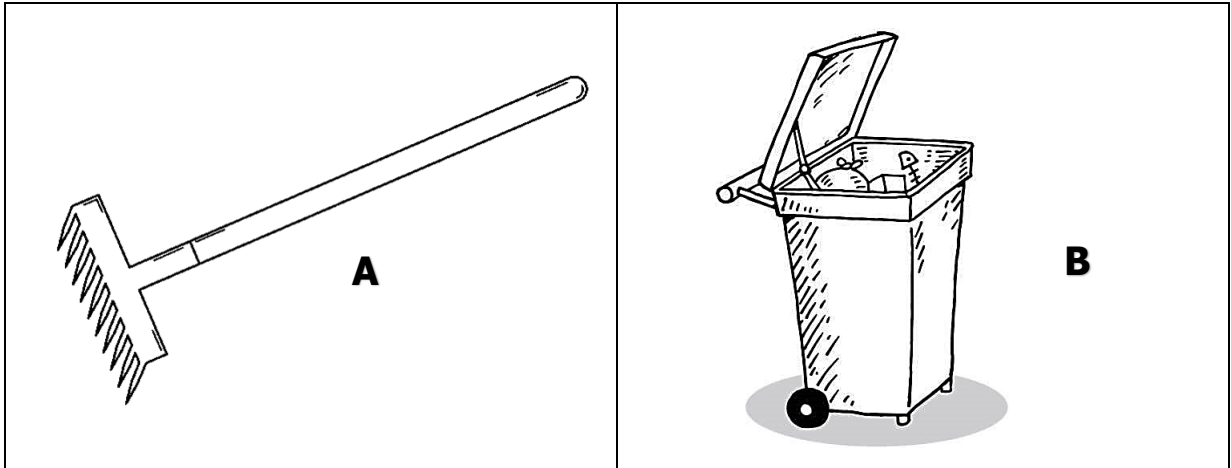
40. Give any **one** example of a perennial crop.

.....

SECTION B: 40 MARKS

Questions 41 to 55 carry **four** marks each.

41. The diagram below shows two components of a clean home. Use them to answer the questions that follow.



- (a) Name each of the components of a clean home **A** and **B** above.

(i) **A**

(ii) **B**

- (b) State the importance of each of the items above in a home.

(i) **A**

.....

(ii) **B**

.....

42. (a) Give any **two** agents of soil erosion.

(i)

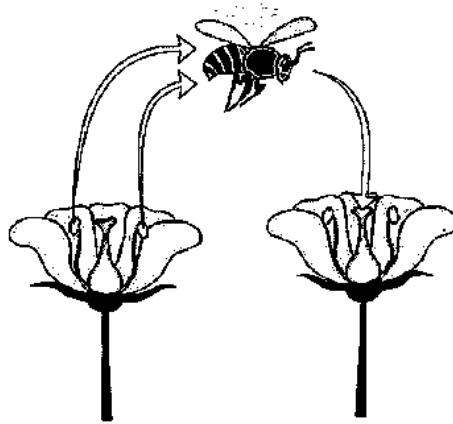
(ii)

(b) State any **two** ways of controlling soil erosion.

(i)

(ii)

43. The diagram below shows a type of pollination. Study it and use it to answer the questions that follow.



(a) State the type of pollination shown above.

.....

(b) Give any **two** agents of pollination.

(i)

(ii)

(c) Where does fertilization take place in a flower?

.....

44. (a) In which state of matter is each of the following?
- (i) Petrol
 - (ii) Maize flour
- (b) How can a mixture of each of the following be separated?
- (i) Water and oil
.....
 - (ii) Beans and stones
.....
45. (a) Name any **two** types of worms that can enter our bodies.
- (i)
 - (ii)
- (b) State any **two** ways of preventing worms from entering our bodies.
- (i)
 - (ii)
46. (a) Give the meaning of each of the following terms.
- (i) Vertebrates
 -
 - (ii) Invertebrates
 -

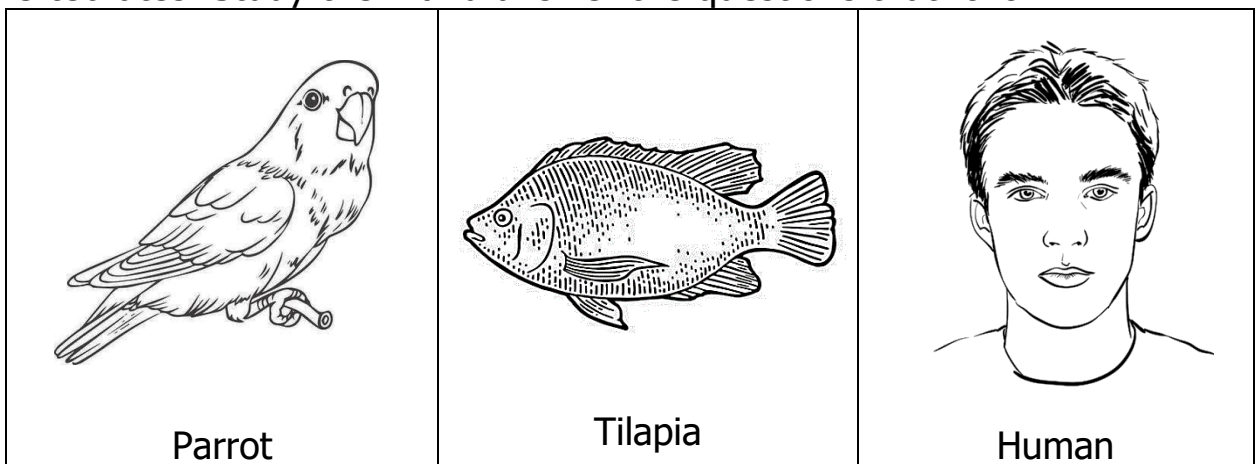
(iii) Warm blooded animals

.....

(iv) Cold blooded animals

.....

47. The diagrams below show animals that belong to different classes of vertebrates. Study them and answer the questions that follow.



- (a) To which class of vertebrates does each of the above belong.

(i) Parrot

(ii) Tilapia

(iii) Human

- (b) Give any **one** way a parrot is similar to a human?

.....

.....

48. (a) State the **two** types of immunity.
- (i)
- (ii)
- (b) State any **two** ways a baby can acquire immunity.
- (i)
- (ii)
49. (a) Write down any **two** ways of promoting personal hygiene.
- (i)
- (ii)
- (b) Name any **two** items used for cleaning our bodies.
- (i)
- (ii)
50. Study and fill the table below correctly.

Body organ	Function
(i)	For breathing
(ii)	For tasting food
Skin	(iii)
Heart	(iv)

51. (a) Give the meaning of each of the following terms.

(i) Poultry

.....
.....

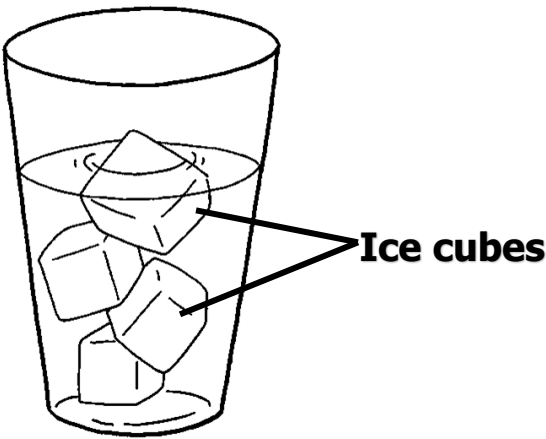
(ii) Poultry keeping

.....
.....

(b) State any **two** reasons for keeping honeybees.

(i)
(ii)

52. The diagram below shows ice cubes in a glass. Study it and use it to answer the questions that follow.



(a) What will happen to the ice cubes after some time?

.....

(b) What type of change occurs when ice cubes turn into water?

.....

(c) State any **two** characteristics of a chemical change.

(i)

.....

(ii)

.....

53. (a) Give any **two** examples of irregular shaped objects.

(i)

(ii)

(b) State the method used when finding the volume of irregular objects.

.....

(c) How is a string important when finding volume of an irregular objects.

.....

54. Study the table below showing crop growing practices in **list A** and their meanings in **list B**. **List B** is in wrong order. Match correctly to form a correct order.

List A: Crop growing practices	List B: Their meanings in a wrong order.
Thinning	Removal of excess branches from a plant.
Weeding	Removal of excess plants from the garden.
Pruning	Covering of topsoil with dry plant materials.
Mulching	Removal of unwanted plants from the garden.

Thinning:

Weeding:

Pruning:

Mulching:

55. (a) State any **two** examples of vulnerable groups of people.

(i)

(ii)

(b) Give any **two** ways of caring for vulnerable people at home.

(i)

(ii)