

STANDARD JUNIOR SCHOOL-ZZANA
MID TERM ONE EXAMINATIONS
2024

P.4 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** use of clay soil to people.

.....

2. Name the type of clouds that provide us with rain.

.....

3. What name is given to the breathing organs of an insect?

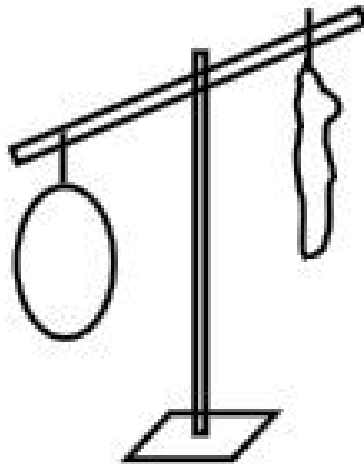
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4. Give the meaning of "**flowering plants**".

.....

.....

The diagram below shows a property of air. Use it to answer questions **5** and **6**.



5. State the property of air shown above.

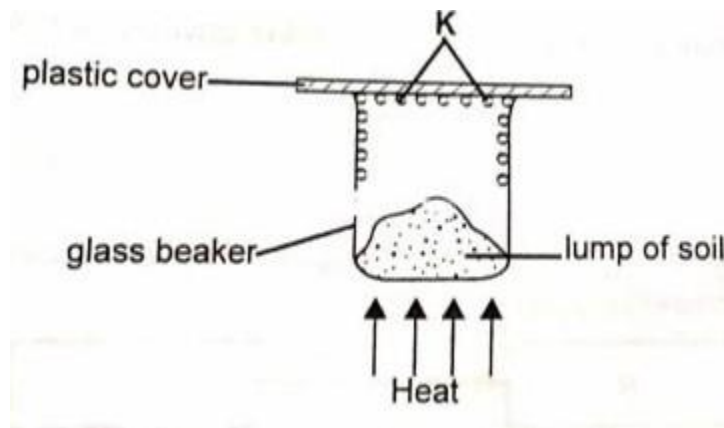
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6. Which part of air, bubbles out when a bottle of soda is opened?

.....

7. Name any **one** substance needed by plants to make their own food.
-
8. Why should we boil water before drinking it?
-
9. How does a chameleon protect itself?
-
10. Which disease is spread by a female anopheles mosquito to humans?
-
11. Why should we wash our hands after visiting a latrine?
-
12. Give **one** reason why animals move from one place to another.
-
13. In which season should farmers plant their crops?
-
14. Name the type of soil best for crop growing.
-
15. Name any **one** place where germs can be found.
-
16. State the importance of soap during bathing.
-

The experiment below shows a property of soil. Study it and use it to answer questions **17** and **18**.



17. What component of soil is represented by **K**.

.....

18. What does the above experiment show about soil?

.....

19. Why is a spider **not** regarded as an insect?

.....

20. State any **one** danger of rats to a crop farmer.

.....

21. Give any **one** reason why we should eat food.

.....

22. Why do some plants climb others?

.....

23. Name any **one** item used for cutting our fingernails short.

.....

24. Give any **one** way of caring for the sick at home.

.....

25. Name the main source of light energy in our environment.

.....

26. Where does a cabbage plant store its food?

.....

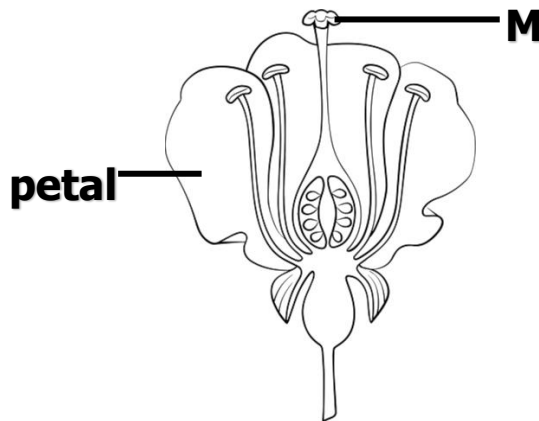
27. What name is given to the young one of a cow?

.....

28. Why is it important to collect rubbish in our school compound?

.....

The diagram below shows a flower. Use it to answer questions **29** and **30**.



29. Name part marked **M**.

.....

30. Why are petals of flowers brightly coloured?

.....

31. Name any **one** disease spread by a housefly?

.....

32. Give any **one** quality of a good first aider.

.....

33. What is the main natural source of water in the environment?

.....

34. What do we call the removal of unwanted plants from the garden?

.....

35. How can we prevent mosquitoes in our homes?

.....

36. State any **one** way we can prevent food from getting contaminated.

.....

37. Give any **one** use of roots to a plant.

.....

38. How does a fish move from one place to another?

.....

39. Name the garden tool used by a farmer to collect dry grass.

.....

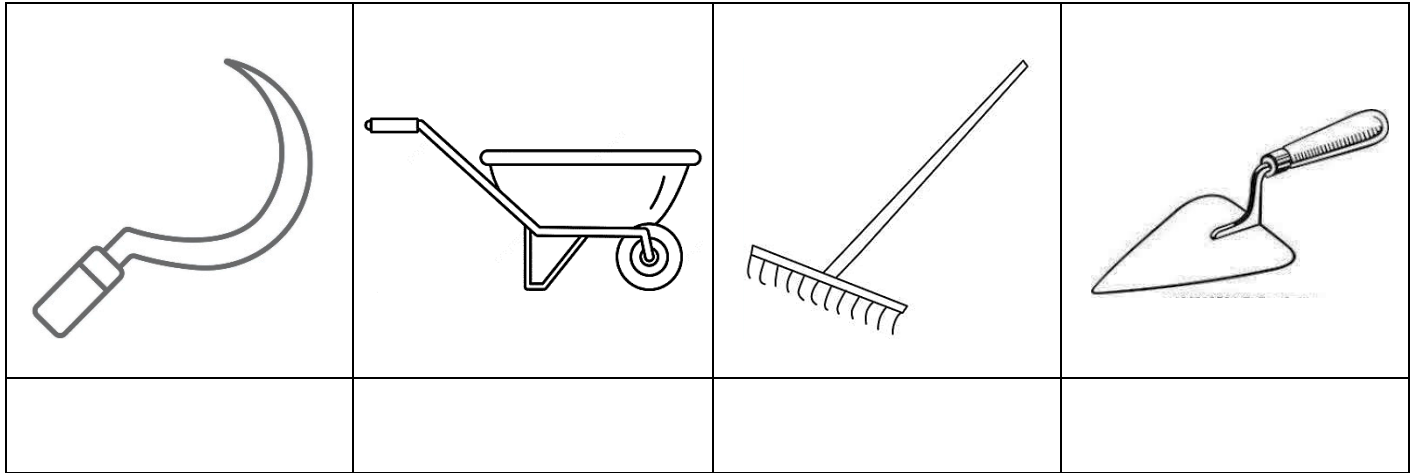
40. Give any **one** agent of pollination.

.....

SECTION B: 40 MARKS

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

41. Name each of the garden tools below.



42. (a) Give the meaning of "germination"

.....

(b) State any **three** conditions for germination to take place.

- (i)
- (ii)
- (iii)

43. (a) Give any **one** example of each of the following.

- (i) Natural source of light
- (ii) Artificial source of light

(b) Apart from light energy, give other **two** forms of energy.

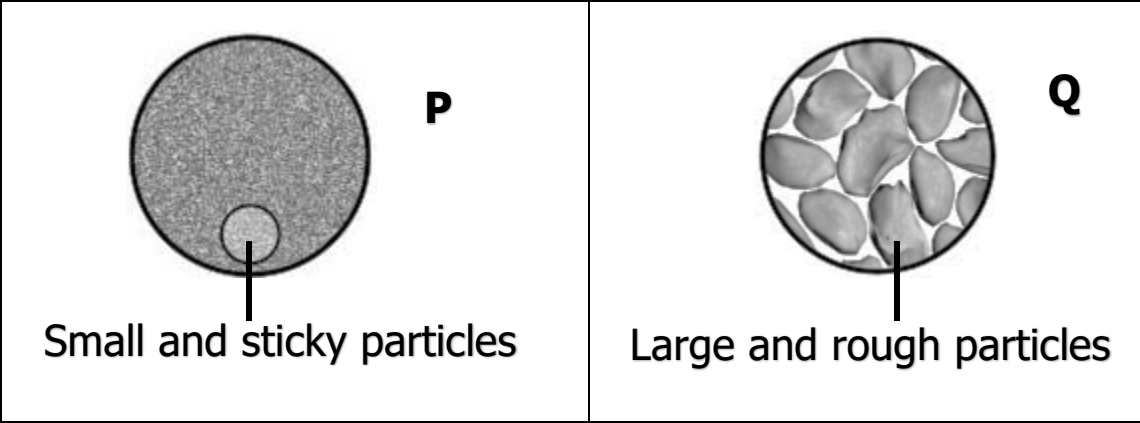
- (i)
- (ii)

44. The diagram below shows the life cycle of a cockroach. Study it and use it to answer the questions that follow.



- (a) Name the stage of a cockroach marked **K**.
.....
- (b) Give any **two** dangers caused by stage marked **K** to people.
(i)
(ii)
- (c) State any **one** way of controlling cockroaches in a home.
.....
45. (a) Give any **two** sources of water at school.
(i)
(ii)
- (b) Apart from washing clothes, give other **two** uses of water at home.
(i)
(ii)
46. (a) Give any **two** dangers of too much sunshine in the environment.
(i)
(ii)
- (b) Apart from sunshine, give other **two** elements of weather.
(i)
(ii)

47. The diagrams below show two types of soil. Study it and answer the questions that follow.



- (a) Identify the type of soil marked **P** and **Q**.
- (i) **P**
- (ii) **Q**
- (b) Give any **two** uses of soil to people.
- (i)
- (ii)
48. (a) Give any **two** examples of disease vectors.
- (i)
- (ii)
- (b) Which disease vector lays its eggs in each of the following places?
- (i) Stagnant water
- (ii) Rotting matter
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. The table below shows body organs in list **A** and their senses in list **B**. Study it and fill it correctly.

Body organ	Sense
(i)	For sight
(ii)	For tasting food
Skin	(iii)
Ear	(iv)

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

(i) Personal hygiene

.....
.....

(ii) Sanitation

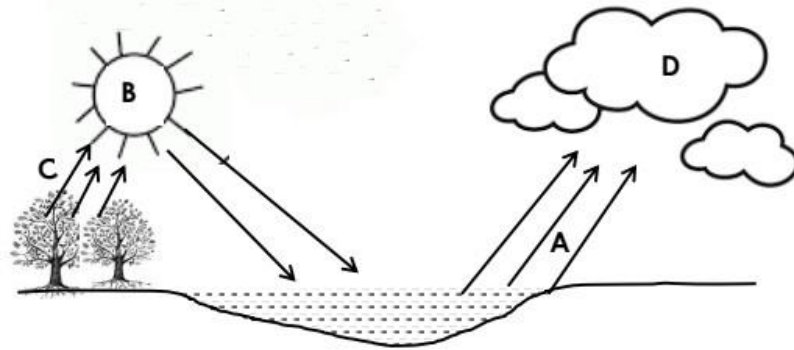
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(b) State any **two** ways of keeping our school clean.

(i)

(ii)

52. The diagram below shows the water cycle. Study it and use it to answer the questions that follow.



- (a) Name features **B** and **D** involved in rain formation.
- (i) **B**
- (ii) **D**
- (b) What processes are taking place at **A** and **C**?
- (i) **A**
- (ii) **C**
53. (a) Apart from a stem, name other **two** parts that make up the shoot system of a flowering plant.
- (i)
- (ii)
- (b) Give any **two** examples of plants whose stems are eaten by man.
- (i)
- (ii)
54. (a) Give any **two** products obtained from a cow.
- (i)
- (ii)
- (b) Apart from a cow, give other **two** examples of domestic animals.
- (i)
- (ii)

55. (a) State any **two** main body parts of an insect.

(i)

(ii)

(b) Write down any **two** importance of insects in our environment.

(i)

(ii)