

MODEL ENTRANCE TEST PAPER

SUBJECT: SCIENCE

GRADE: 6

TOTAL MARKS: 25

Q1. Fill in the blanks:

[5M]

1. An animal without a backbone is a (n).....
2. A cell's..... Stores DNA.
3. Blood is carried by a (n) toward the heart.
4. The process of liquid water changing to water vapor is.....
5. The smallest particle of an element is a (n).....

Q2. Read each statement below. Place a check mark in the circle to indicate whether you agree or disagree with the statement.

[5M]

- | | Agree | disagree |
|--|-----------------------|-----------------------|
| 1. You can find minerals in the rocks and soil of earth. | <input type="radio"/> | <input type="radio"/> |
| 2. The air temperature does not affect the steps in the water cycle. | <input type="radio"/> | <input type="radio"/> |
| 3. The stamen is the female part of the flower, and pistil is the male part. | <input type="radio"/> | <input type="radio"/> |
| 4. The digestive system helps your body breaks down food. | <input type="radio"/> | <input type="radio"/> |
| 5. All your body's muscles are connected to bones. | <input type="radio"/> | <input type="radio"/> |

Q3. Complete each sentence with the correct word or phrase.

[5M]

1. Plants use sunlight, water and to make food.
[Carbon dioxide, oxygen]
2. The body temperature of a cold-blooded animal as the temperature of the air or water around it changes.

[Changes, remains the same]

3. Minerals can be found in soil and in.

[Acids, rocks]

4. Most elements are.

[Metals, pure]

5. When a person leans against a wall, the wall exerts an.....
and opposite force on the person.

[Equal, unequal]

Q4. Define the following terms:

[5M]

1. Photosynthesis :
2. Solar system :
3. Atom :
4. Moon phase :
5. Cell :

Q5. Write short answers to the following questions:

[5M]

Q1. What are clouds made of?

Q2. What is the function of a plant's stem?

Q3. What happens when sound waves hit a wall?

Q4. List the order of the planets from nearest to farthest from the sun?

Q5. If you had two equally sized objects how could you tell which one is more dense?