

## Answer sheet 1

### I. Match the following.

| Column A  |
|---|
| 1. Large object that moves around the Sun.                              |
| 2. Natural or man-made object that goes around a planet.                |
| 3. The path an object takes in space, to revolve around another object. |
| 4. Relating to the Sun.   |
| 5. A natural satellite.   |

| Column B                |
|-------------------------|
| a. The Moon <b>(5)</b>  |
| b. Solar <b>(4)</b>     |
| c. Planet <b>(1)</b>    |
| a. Satellite <b>(2)</b> |
| a. Orbit <b>(3)</b>     |

### II. Write True or False.

1. The Earth is at the centre of the solar system.
2. The Sun is a star.
3. Some stars are bigger than the Sun.
4. Jupiter is smaller than the Sun.
5. Planets can have many moons.

**False**  
**True**  
**True**  
**False**  
**True**

### III. Unscramble the letters to get the name of the planets.

1.

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| E | R | M | Y | U | C | R |
|---|---|---|---|---|---|---|

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
| <b>M</b> | <b>E</b> | <b>R</b> | <b>C</b> | <b>U</b> | <b>R</b> | <b>Y</b> |
|----------|----------|----------|----------|----------|----------|----------|

2.

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| R | A | U | S | U | N |
|---|---|---|---|---|---|

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>U</b> | <b>R</b> | <b>A</b> | <b>N</b> | <b>U</b> | <b>S</b> |
|----------|----------|----------|----------|----------|----------|

3.

|   |   |   |   |   |
|---|---|---|---|---|
| N | E | V | S | U |
|---|---|---|---|---|

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| <b>V</b> | <b>E</b> | <b>N</b> | <b>U</b> | <b>S</b> |
|----------|----------|----------|----------|----------|

4.

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| E | P | N | T | N | U | E |
|---|---|---|---|---|---|---|

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
| <b>N</b> | <b>E</b> | <b>P</b> | <b>T</b> | <b>U</b> | <b>N</b> | <b>E</b> |
|----------|----------|----------|----------|----------|----------|----------|

5.

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| N | R | U | T | A | S |
|---|---|---|---|---|---|

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>S</b> | <b>A</b> | <b>T</b> | <b>U</b> | <b>R</b> | <b>N</b> |
|----------|----------|----------|----------|----------|----------|

6.

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| R | J | P | T | U | I | E |
|---|---|---|---|---|---|---|

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
| <b>J</b> | <b>U</b> | <b>P</b> | <b>I</b> | <b>T</b> | <b>E</b> | <b>R</b> |
|----------|----------|----------|----------|----------|----------|----------|

7.

|   |   |   |   |   |
|---|---|---|---|---|
| T | A | R | A | H |
|---|---|---|---|---|

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| <b>E</b> | <b>A</b> | <b>R</b> | <b>T</b> | <b>H</b> |
|----------|----------|----------|----------|----------|

8.


|   |   |   |   |
|---|---|---|---|
| S | M | R | A |
|---|---|---|---|

|          |          |          |          |
|----------|----------|----------|----------|
| <b>M</b> | <b>A</b> | <b>R</b> | <b>S</b> |
|----------|----------|----------|----------|

#### IV. Choose the correct answer.

1. The solar system is called so because:
  - a. The Sun is the biggest object in the solar system.
  - b. All objects in the solar system move around the Sun.**
  
2. The Sun looks bigger and brighter than the other stars because:
  - a. It is at the centre of the solar system.
  - b. It is much closer to the Earth.**
  
3. We do not see the Sun at night because:
  - a. A part of the Earth is away from the Sun, while revolving around it.
  - b. A part of the Earth is away from the Sun while rotating on its axis.**
  
4. Different planets move around the Sun at different speeds because:
  - a. The planets are of different sizes.
  - b. The planets are at different distances from the Sun.**
  
5. Some stars that are big appear small to us because:
  - a. They are beyond our solar system.**
  - b. They twinkle at night.

V. Observe the images. Write the correct order of the images, starting from the smallest to the largest.

| 1   | 2   | 3  | 4   |
|---|---|--|---|
|  |  |  |  |
| Jupiter   | Mercury   | Uranus   | Earth   |

The correct sequence is 2, 4, 3, 1

VI. Fill in the blanks.

1. **Jupiter** is the largest planet in the solar system.
2. **Neptune** has the biggest orbit.
3. **Mercury** is also called the "speedy messenger".
4. **Venus** is the brightest object visible in the evening sky.
5. **Earth** is called the "Blue Planet".

**VII. Answer in short.**

1. What are the components of the solar system?
2. Why is the Sun important to life on Earth?
3. Name two things that could happen if the Earth was further away from the Sun.