

STD-IV SCIENCE

ANNUAL REVISION WORK -3

I. FILL IN THE BLANKS.

1. The time taken by the earth to orbit around the sun once is called as _____.
2. The _____ of the earth on its axis causes day and night.
3. The planet _____ is covered with a thick layer of beautiful blue-green gas.
4. _____ are groups of stars which appear in a definite pattern.

II. WRITE IN ONE WORD.

1. Movement of earth around the sun:
2. A planet that is covered with red dust ,so it appears red in the sky .
3. The tilted imaginary line on which the earth rotates.

III. CHANGE THE UNDERLINED WORD TO CORRECT THE STATEMENT.

1. Tsunamis can be active, dormant or extinct.
2. Satellites are small heavenly bodies that revolve around the sun.
3. Weathers are caused due to the earth's tilted axis and its revolution around the sun.

IV. ANSWER THE FOLLOWING QUESTIONS.

1. Describe the different layers of earth with a label diagram.
2. What is a satellite? Name any two satellites launched by India.
3. How are seasons formed?

ANSWER KEY

I. FILL IN THE BLANKS.

1. The time taken by the earth to orbit around the sun once is called as solar year.
2. The rotation of the earth on its axis causes day and night.
3. The planet Uranus is covered with a thick layer of beautiful blue-green gas.
4. Constellations are groups of stars which appear in a definite pattern.

II. WRITE IN ONE WORD .

1. Movement of earth around the sun:

Ans- Revolution

2. A planet that is covered with red dust ,so it appears red in the sky.

Ans-Mars

3. The tilted imaginary line on which the earth rotates:

Ans- Axis

III. CHANGE THE UNDERLINED WORD TO CORRECT THE STATEMENT.

1. Tsunamis can be active, dormant or extinct.

Ans-Volcano

2. Satellites are small heavenly bodies that revolve around the sun.

Ans- Planet

3. Weathers are caused due to the earth's tilted axis and its revolution around the sun.

Ans- Seasons

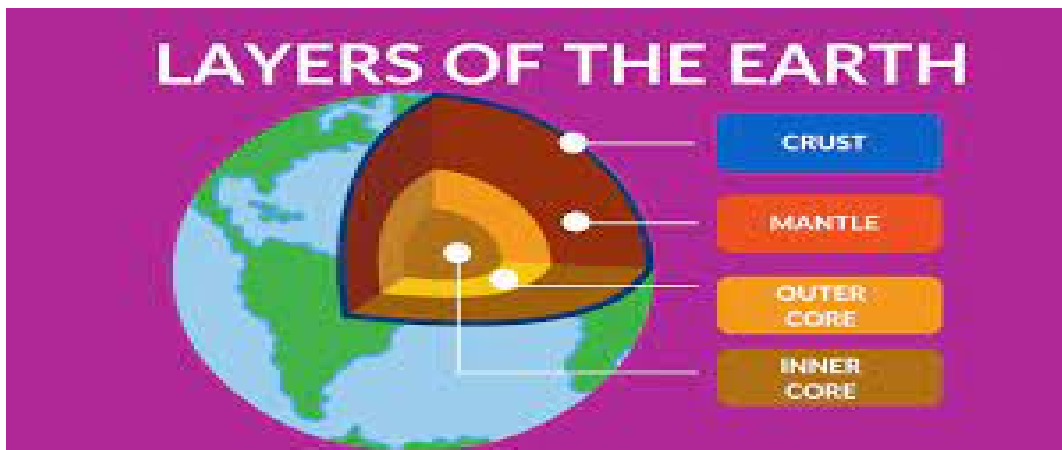
IV. ANSWER THE FOLLOWING QUESTIONS

CHANGING YOUR TOMORROW

1. Describe the different layers of earth with a label diagram.

Ans- DIFFERENT LAYERS OF EARTH

- ❖ The outer surface is called the crust.
- ❖ The inside portion is called the core.
- ❖ Between the outer crust and the inner core, there are layers of rocks, minerals, and metals in solid form. This layer is called the mantle.



2. What is a satellite? Name any two satellites launched by India.

Ans- Satellites are small heavenly bodies that revolve around planets.

- Some planets have their satellites.
- The moon is a natural satellite of the earth.
- Two satellites launched by India are Aryabhata and Bhaskara Sega -1.

3. How are seasons formed?

Ans- Seasons are caused because of the Earth's changing relationship to the Sun.

- The Earth travels around the Sun, called an orbit, once a year or every 365 days.

- **As the Earth orbits the Sun, the amount of sunlight in each location on the planet gets every day changes slightly. This change causes the seasons.**

CHANGING YOUR TOMORROW