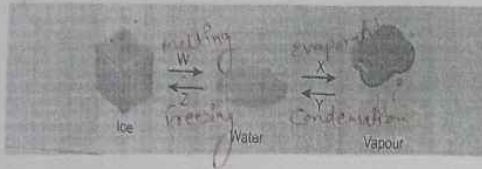


D. Science provides knowledge about ecosystem, pollution, climate change and conservation efforts.

Q.6 Identify the processes W, X, Y and Z. (2)

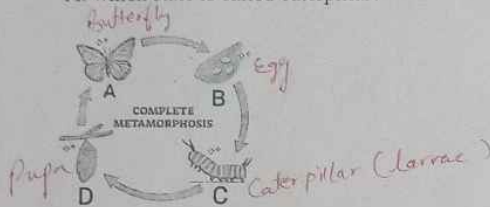


Q.7 A. Curiosity and exploration play an important role in the development of scientific knowledge. Briefly describe. (2)

B. Describe the steps of scientific method. (1)

Q.8 Identify and label the stages of metamorphosis :- (3)

A. which state is called caterpillar?



Q.9 Answer the following questions:- (1+2+3)

1. 'There is no limit to make new discoveries.' Explain.
2. Draw water cycle and write its significance.
3. How will you define science? what is the core activity involve in the scientific process?

Q.10 Case Study : (5)

Aman noticed that ice melts when kept outside and water turns into steam when heated. He also saw his mother using a gas stove to cook food. His teacher explained that all these changes happen due to science and heat energy.

Questions:

1. What happens to ice when kept outside? *Ice melts and turns into water*
2. What change occurs when water is heated? *Water turns into steam (vapour)*
3. Which source of heat is used for cooking in the passage? *Gas stove*
4. What is the main reason behind these changes? *Heat energy*
5. What does this case study teach about science? *Science explain everyday changes and is present in daily life*