



WORKSHEET – THE MAKING OF A SCIENTIST (2020-21)

Class: X

Sub: ENGLISH

Read the extracts given below and answer the questions that follow:

1. So he did and did he ever ! Beginning in Kindergarten, Ebright collected butterflies with the same determination that has marked all his activities. He also collected rocks, fossils, and coins. He became an eager astronomer, too. Sometimes star-gazing all night.

(a) Who is 'he' ?

(b) What more did he collect besides butterflies ?

(c) Find a word from the passage that means the same as 'strong will-power'.

(d) What did he do at some night ?

2. From the first he had a driving curiosity along with a bright mind. He also had a mother who encouraged his interest in learning. She took him on trips, bought him telescope, microscope, cameras, mounting materials, and other equipment and helped him in many other ways.

(a) What was the role of his mother in his life ?

(b) How did she perform her duties ?

(c) What does the word 'bright' mean here ?

(d) What did Ebright desire ?

3. He grew cells from a Monarch's wing in a culture and showed that the cells would divide and develop into normal butterfly wing scales only if they were fed the hormone from the gold spots.

(a) What did Ebright find out after working on hormone ?

(b) What conclusion did he make ?

(c) Write the word that means the same as 'ordinary'.

(d) Where did he grow cells ?

4. Richard Ebright has been interested in Science. Since, he first began collecting butterflies—but not so deeply that he hasn't time for other interests. Ebright also became a champion debater and public speaker and a good canoeist and all-around outdoors person. He is also an expert photographer, particularly of nature and scientific exhibits.

(a) Did Ebright collect butterflies just as a hobby ? What special trait of Ebright shown by it?

(b) Besides science, what other interests did Richard Ebright pursue ?

(c) What does a 'canoeist' mean ?

(d) What other qualities does Ebright possess ?

SHORT ANSWER QUESTIONS:

Q1) How did a book become a turning point in Richard Ebright's life?

Q2) How did his mother help him?

Q3) What lesson does Ebright learn when he does not win anything at a science fair?

Q4) What experiments and projects does he then undertake?

Q5) What are the qualities that go into the making of a scientist?

4. Dr Urquhart contributed significantly to Ebright's growth as a scientist. Explain

5. What are the values required to become a successful scientist like Richard Ebright? Elaborate with reference to the lesson 'The Making of a Scientist'.

