

CHAPTER-6 | The Making of a Scientist

QUIZ
PART-04

1. With whom did Ebright work on drawing molecular models at Harvard?
A. His professor
B. His roommate James R. Wong
C. His teacher Mr. Weiherer
D. His mother (B)

Explanation: Ebright and his roommate James R. Wong spent nights constructing plastic models of molecules to explain his theory.

2. From which university did Ebright graduate with highest honors?
A. Princeton
B. Yale
C. Harvard
D. Stanford (C)

Explanation: Ebright graduated from Harvard with the highest honors, securing second place in his class of 1,510 students.

3. Where did Ebright pursue his graduate student research?
A. MIT
B. Harvard Medical School
C. Yale University
D. Oxford University (B)

Explanation: After completing his graduation, he continued his research as a graduate student at Harvard Medical School.

4. What was the main focus of Ebright's graduate research?
A. Butterfly migration
B. Photosynthesis
C. Testing his theory about cell life
D. Bird behavior (C)

Explanation: His primary focus was on testing his theory about cell life, a continuation of his earlier high school research on monarch pupae.

5. What potential outcome could Ebright's research contribute to?
A. Development of new vaccines
B. Preventing some types of cancer and other diseases
C. Improving butterfly breeding
D. Discovering new animal species (B)

Explanation: His work on cell life processes could lead to new ways of preventing cancers and other diseases.

6. Apart from science, which extracurricular activity did Ebright excel in during high school?
A. Acting in theatre
B. Playing football
C. Debating and public speaking
D. Writing short stories (C)

Explanation: He became a champion debater, public speaker, and was also active in the Model United Nations club.

7. Who was Ebright's admired teacher and adviser in high school?
A. Dr. Urquhart
B. Richard A. Weiherer
C. James Wong
D. Louis Pasteur (B)

Explanation: Richard A. Weiherer, his social studies teacher, guided him in debating and Model UN clubs.

8. According to Mr. Weiherer, why did Richard like to win?
A. For fame and prizes
B. To prove others wrong
C. To do the best job he could
D. To please his parents (C)

Explanation: Weiherer explained that Richard's competitive spirit was not for prizes but to always do his best.

9. What qualities did Ebright possess that made him a true scientist?
A. Strength, obedience, and popularity
B. First-rate mind, curiosity, and will to win for the right reasons
C. Wealth, talent, and leadership
D. Discipline, luck, and ambition (B)

Explanation: His sharp mind, endless curiosity, and the will to excel for the right reasons were the key ingredients of his success.

10. What is the key learning outcome from this part of the story?
A. Intelligence alone ensures success
B. Scientific success requires curiosity, dedication, and right motivation
C. Winning prizes is the ultimate goal
D. Only science books build great scientists (B)

Explanation: The story highlights that hard work, persistence, curiosity, and striving for the right reasons are essential in making a great scientist.