

CHAPTER-4 | A Truly Beautiful Mind

QUIZ
PART-04

- What did Einstein call his desk drawer at the patent office?
A. Bureau of inventions
B. Bureau of relativity
C. Bureau of theoretical physics
D. Bureau of mathematics (C)

Explanation: Einstein jokingly called his drawer the "bureau of theoretical physics" because he stored his scientific ideas in it.

- Why did Einstein leave his school in Munich for good?
A. He failed in examinations
B. He disliked mathematics
C. He hated regimentation and clashed with teachers
D. His parents moved away (C)

Explanation: Einstein left because he hated the school's strict regimentation and often had conflicts with teachers.

- Why did Einstein want to study in Switzerland?
A. It was cheaper
B. It was a more liberal city
C. His uncle lived there
D. It had better weather (B)

Explanation: Einstein chose Switzerland over Munich as it offered a freer, more liberal environment.

- Whom did Einstein see as an ally at Zurich University?
A. His professors
B. His cousin Elsa
C. Mileva Maric
D. His father (C)

Explanation: Einstein found Mileva an ally because she, like him, opposed the "philistines" in family and university.

- Why did Einstein's mother oppose his marriage to Mileva?
A. She belonged to another religion
B. She was older and very intelligent
C. She was not wealthy
D. She disliked science (B)

Explanation: Einstein's mother objected because Mileva was three years older and equally intelligent, which she disapproved of.

- Why did Einstein write a letter to Franklin D. Roosevelt?
A. To request a job
B. To warn about Germany's ability to build atomic bombs
C. To seek funding for his research
D. To stop World War II (B)

Explanation: Einstein warned Roosevelt that Germany could build an atomic bomb capable of massive destruction.

- How did Einstein react to the bombing of Hiroshima and Nagasaki?
A. He celebrated the victory
B. He was deeply shaken and urged for world peace
C. He ignored it
D. He denied the event (B)

Explanation: Einstein was deeply disturbed by the bombings and proposed forming a world government to stop nuclear weapons.

- Why is Einstein remembered as a "world citizen"?
A. For his role in world politics
B. For his scientific genius and efforts for peace
C. For his German nationality
D. For his inventions alone (B)

Explanation: Einstein is remembered as a "world citizen" for his scientific contributions and his efforts for peace and democracy.

- Which event confirmed Einstein's General Theory of Relativity?
A. 1915 solar eclipse
B. 1919 solar eclipse
C. Discovery of the neutron
D. World War I (B)

Explanation: The solar eclipse of 1919 confirmed his theory when scientists observed light bending around the sun.

- Arrange the following in chronological order: Einstein wins Nobel Prize, Einstein is born, Einstein writes to Roosevelt, Einstein publishes relativity.
A. Birth → Relativity → Nobel Prize → Roosevelt letter
B. Birth → Nobel Prize → Relativity → Roosevelt letter
C. Birth → Relativity → Roosevelt letter → Nobel Prize
D. Relativity → Birth → Nobel Prize → Roosevelt letter (A)

Explanation: Einstein was born in Ulm (1879), published relativity (1905), won Nobel Prize (1921), and wrote to Roosevelt (1939).