

CHAPTER-4 | A Truly Beautiful Mind

QUIZ
PART-02

1. In which subjects was Einstein highly gifted and interested?

- A. English and History
- B. Mathematics and Physics
- C. Mathematics and Biology
- D. English and Biology (B)

Explanation: Einstein showed exceptional talent in mathematics and physics from an early age, which later shaped his career.

2. Who was Mileva Maric?

- A. A girl from Munich
- B. A fellow student and later Einstein's wife
- C. Einstein's cousin
- D. A German professor (B)

Explanation: Mileva Maric was a fellow student at Zurich University, whom Einstein admired for her intelligence; they later married.

3. What affectionate phrase did Einstein use for Mileva Maric?

- A. Silly girl
- B. Clever creature
- C. My dear genius
- D. Bright spark (B)

Explanation: Einstein fondly called Mileva a "clever creature," highlighting his admiration for her intellect.

4. Why did Einstein's mother oppose his marriage to Mileva?

- A. She was from another religion
- B. She was three years older and very intelligent
- C. She belonged to a poor family
- D. She was not interested in science (B)

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

5. In which year did Einstein finally marry Mileva Maric?

- A. 1900
- B. 1902
- C. 1903
- D. 1919 (C)

Explanation: Despite initial resistance from his family, Einstein married Mileva in January 1903.

6. Before securing a permanent job, what work did Einstein do?

- A. Mechanic
- B. Teaching assistant and private tutor
- C. Clerk
- D. Musician (B)

Explanation: After graduation, Einstein supported himself as a teaching assistant and private tutor before joining the patent office in 1902.

7. What humorous name did Einstein give to his desk drawer at the patent office?

- A. Bureau of creativity
- B. Bureau of inventions
- C. Bureau of theoretical physics
- D. Bureau of relativity (C)

Explanation: While working at the patent office, Einstein secretly developed his own ideas, jokingly calling his drawer the "bureau of theoretical physics".

8. In which year did Einstein publish the Special Theory of Relativity?

- A. 1900
- B. 1902
- C. 1905
- D. 1919 (C)

Explanation: In 1905, Einstein's Special Theory of Relativity revolutionized science, stating that time and distance are not absolute.

9. Which famous equation was derived from the Theory of Relativity?

- A. $F = ma$
- B. $E = mc^2$
- C. $V = IR$
- D. $P = mv$ (B)

Explanation: Einstein's theory gave birth to the iconic equation $E = mc^2$, showing the relationship between mass and energy.

10. What eventually happened to Einstein's marriage with Mileva?

- A. They lived happily forever
- B. They separated but never divorced
- C. They divorced in 1919, and he married Elsa
- D. Mileva died young (C)

Explanation: After years of conflict, they divorced in 1919, the same year Einstein married his cousin Elsa.