

CHAPTER-4 | A Truly Beautiful Mind

QUIZ
PART-03

1. In which year did Einstein publish his General Theory of Relativity?

- A. 1905
- B. 1915
- C. 1921
- D. 1933 (B)

Explanation : Einstein published his General Theory of Relativity in 1915, providing a new interpretation of gravity .

2. What event in 1919 confirmed Einstein's General Theory of Relativity?

- A. An earthquake in Germany
- B. A lunar eclipse
- C. A solar eclipse
- D. The discovery of atomic fission (C)

Explanation: The solar eclipse of 1919 proved Einstein's prediction about the deflection of starlight by the sun's gravitational field .

3. For which subject did Einstein receive the Nobel Prize in 1921?

- A. Mathematics
- B. Physics
- C. Chemistry
- D. Biology (B)

Explanation: Einstein was awarded the Nobel Prize for Physics in 1921 for his contributions to theoretical physics .

4. Why did Einstein emigrate to the United States in 1933?

- A. He wanted to work at Princeton University
- B. He was invited by Roosevelt
- C. The Nazis came to power in Germany
- D. He was awarded the Nobel Prize (C)

Explanation : Einstein left Germany in 1933 when the Nazis came to power and settled in the USA .

5. What discovery in Berlin caused American physicists great concern in 1938?

- A. Radioactivity
- B. Nuclear fission
- C. The neutron
- D. The electron (B)

Explanation: The discovery of nuclear fission in Berlin alarmed American physicists as they feared Nazis might develop an atomic bomb .

6. To whom did Einstein write a letter on 2 August 1939 warning about atomic bombs?

- A. Winston Churchill
- B. Adolf Hitler
- C. Franklin D. Roosevelt
- D. Harry Truman (C)

Explanation: Einstein wrote to U.S. President Franklin D. Roosevelt warning about the dangers of atomic bombs .

7. Which Japanese cities were destroyed by atomic bombs in August 1945?

- A. Tokyo and Osaka
- B. Hiroshima and Nagasaki
- C. Kyoto and Yokohama
- D. Hiroshima and Kobe (B)

Explanation: The U.S. dropped atomic bombs on Hiroshima and Nagasaki in 1945, causing massive destruction .

8. What proposal did Einstein make in a letter to the United Nations after World War II?

- A. To ban nuclear weapons
- B. To form a world government
- C. To establish the League of Nations again
- D. To move the UN headquarters to Europe (B)

Explanation: Einstein proposed the creation of a world government to prevent future wars, though it had no impact .

9. In his later years, what causes did Einstein actively support?

- A. Expansion of empires
- B. The arms race
- C. Peace and democracy
- D. Colonialism (C)

Explanation: Einstein used his fame to campaign for peace and democracy, and against the arms buildup .

10. How was Einstein remembered when he died in 1955?

- A. As a great German citizen only
- B. As a visionary, world citizen, and scientific genius
- C. As a Nobel Prize winner only
- D. As a controversial political figure (B)

Explanation : At his death in 1955, Einstein was celebrated as a visionary, a world citizen, and one of the greatest scientific geniuses .