

CBSE Class 9 English Language and Literature
Beehive Chapter-4 A Truly Beautiful Mind
Test Paper-01

Read the following passage and answer the questions that follow:

1. At the age of two-and-a-half, Einstein still wasn't talking. When he finally did learn to speak, he uttered everything twice. Einstein did not know what to do with other children, and his playmates called him "Brother Boring."
 - a. When and where was Einstein born?
 - b. What was the reaction of Einstein's playmates?
 - c. When did Einstein first speak?
 - d. When he finally spoke, what problem did he face?
2. A headmaster once told his father that what Einstein chose as a profession wouldn't matter, because "he'll never make a success at anything." Einstein began learning to play the violin at the age of six, because his mother wanted him to; he later became a gifted amateur violinist, maintaining this skill throughout his life.
 - a. Why did the headmaster say that choice of profession wouldn't matter for Einstein.
 - b. Why did Einstein learn violin?
 - c. At what age did Einstein learn to play violin?
 - d. "he will never make a success at anything". Who said this and why?

Answer the following questions in about 30 words

3. How was Einstein at school?
4. What did Einstein's mother think about him?
5. Who was Einstein's love interest and where did he find her?
6. What did he jokingly call his desk drawer?
7. Which famous paper did Einstein publish in 1905?
8. Why didn't Einstein's mother approve of his marriage to Mileva?

Answer the following questions in about 100 words:

9. Why did the newspapers proclaim his work as "a scientific revolution"?
10. What was the effect of the letter that Einstein sent to President Roosevelt in 1939?

CBSE Class 9 English Language and Literature
Beehive Chapter-4 A Truly Beautiful Mind
Test Paper-01

Answer

1.
 - a. Albert Einstein was born on 14 March 1879 in the German city of Ulm.
 - b. Einstein's friends called him 'Brother Boring'.
 - c. After the age of two and a half Einstein started to learn to speak.
 - d. When he finally spoke, he used to speak everything twice.
2.
 - a. The headmaster said that choice of profession wouldn't matter for Einstein because he thought that Einstein will never make a success at anything.
 - b. Einstein learnt violin because his mother wanted him to learn it.
 - c. At the age of six Einstein started to learn violin.
 - d. The Headmaster of Einstein's school said so because he thought that Einstein was not a good student and would never become a good professional.
3. Einstein was good at school. He was very proficient in mathematics and loved physics.
4. Einstein did not speak up to the age of two and a half and when he finally spoke, he uttered everything twice. His mother thought he was a freak. To her, his head seemed much too large.
5. Mileva Maric was Einstein's love interest. He met her at the university of Zurich, Switzerland. Einstein saw in her an ally against the "philistines"—those people in his family and at the university with whom he was constantly at odds and the couple fell in love.
6. In 1902 while working as a technical expert in Bern, he was supposed to be assessing other people's inventions, however, Einstein was developing his own ideas in secret and kept them in his desk drawer. Therefore, he jokingly called his desk drawer a "bureau of theoretical physics."
7. In 1905, Einstein published his first paper. It was about his Special Theory of Relativity, according to which time and distance are not absolute. Indeed, two perfectly accurate clocks will not continue to show the same time if they come together again after a journey if one of them has been moving very fast relative to the other.
8. Mileva was three years older to Einstein. His mother thought that she was too old for him

and thus did not approve of his marriage to her. She was also bothered by Mileva's intelligence.

9. The newspapers proclaimed his work as "a scientific revolution." In 1915, he had published his General Theory of Relativity, which provided a new interpretation of gravity. An eclipse of the sun in 1919 brought proof that it was accurate. Einstein had correctly calculated in advance the extent to which the light from fixed stars would be deflected through the sun's gravitational field. Thus, giving the world the formula $E = mc^2$. Einstein received the Nobel Prize for Physics in 1921. He was showered with honors and invitations from all over the world.
10. Einstein wrote a letter to the American President, Franklin D. Roosevelt, on 2 August 1939. In the letter he warned that "A single bomb of the type, being developed by Berlin, if exploded in a port, might very well destroy the whole port together with some of the surrounding territory." The Americans developed the atomic bomb in a secret project of their own and dropped it on the Japanese cities of Hiroshima and Nagasaki in August 1945 to defeat Japan in World War 2.