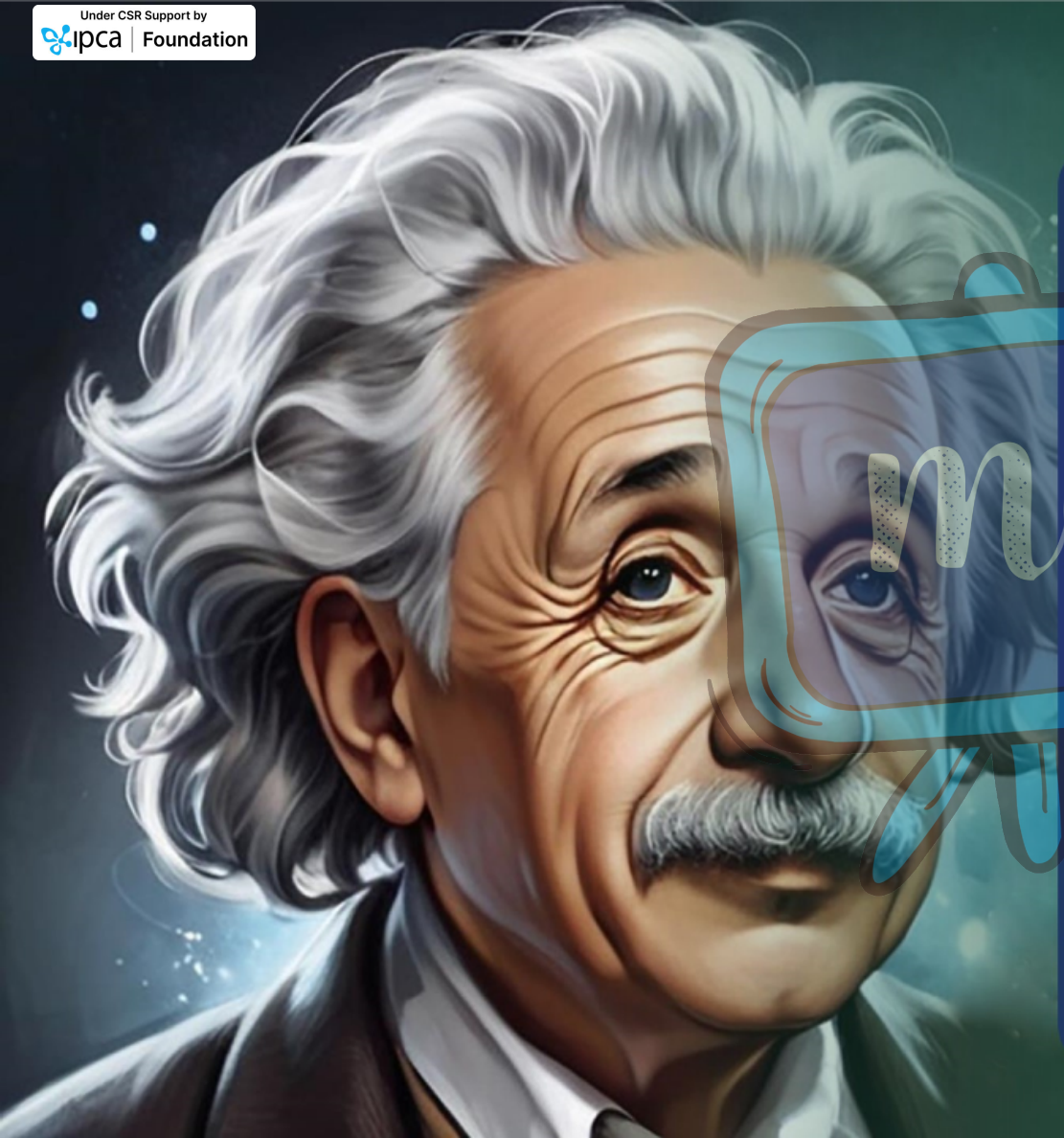
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CLASS – 9

ENGLISH

Beehive

CH-4 : A Truly Beautiful Mind

Part – 1

Einstein's Life

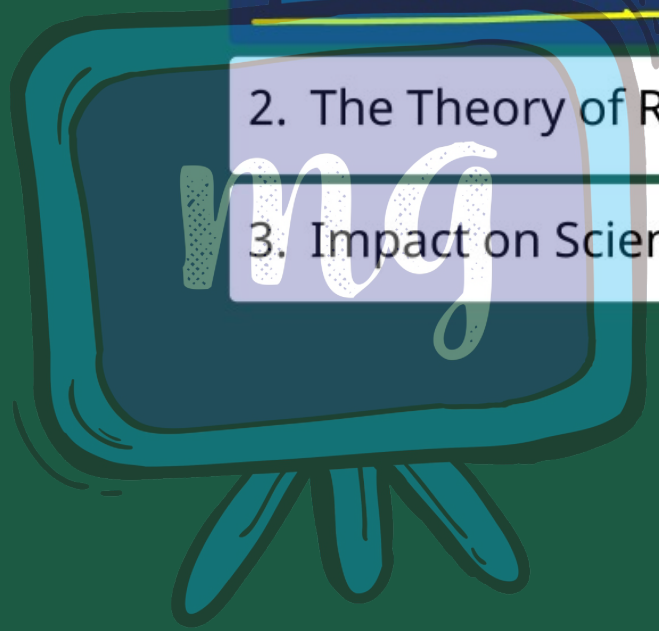
ARPITA SHARMA

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OVERVIEW

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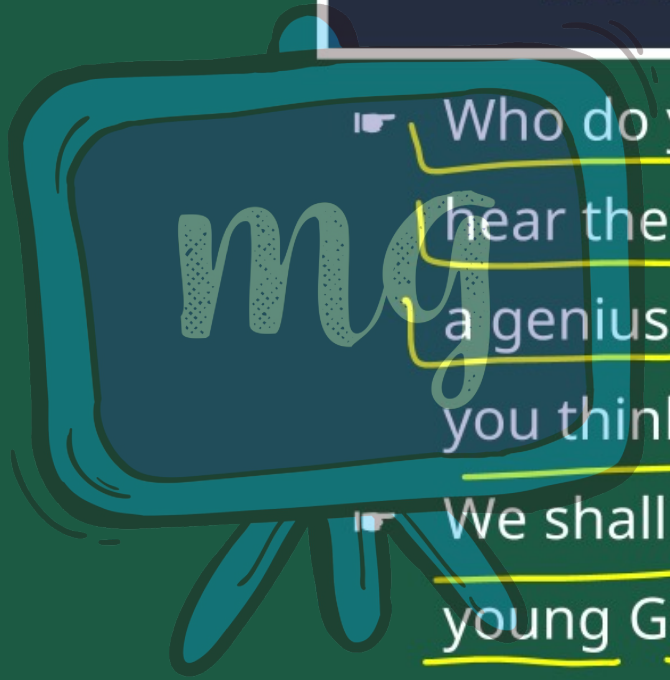
1. Einstein's Life and Education
2. The Theory of Relativity
3. Impact on Science and Society



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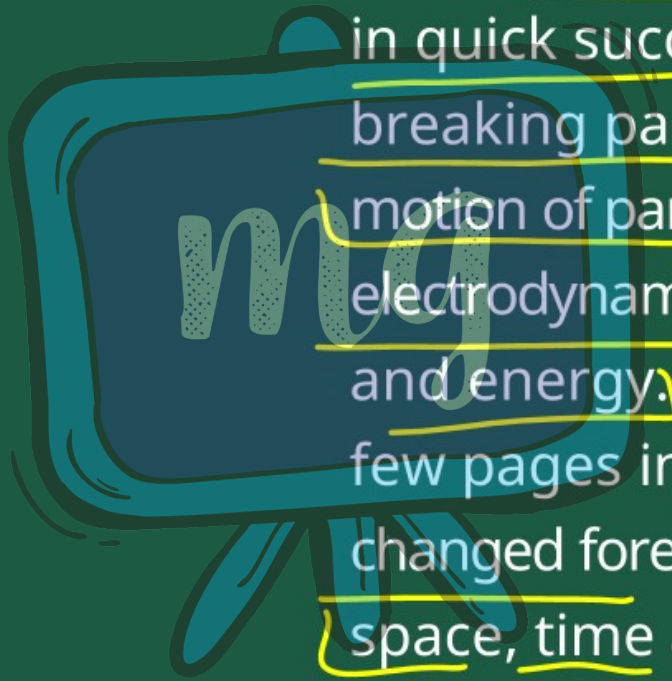
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BEFORE YOU READ



- Who do you think of, when you hear the word 'genius'? Who is a genius — what qualities do you think a genius has?
- We shall now read about a young German civil servant who took the world by storm about a hundred years ago. In the summer

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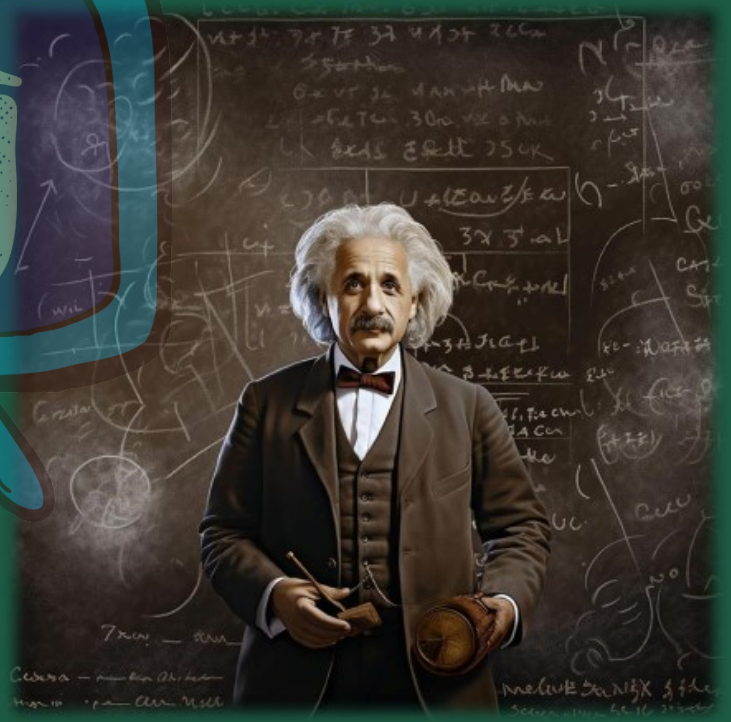


of 1905, the 26-year-old published in quick succession four ground-breaking papers: about light, the motion of particles, the electrodynamics of moving bodies, and energy. His work took up only a few pages in scientific journals, but changed forever our understanding of space, time and the entire cosmos – and transformed the name 'Einstein' into a synonym for genius.

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☛ Fifty years after his death, Albert Einstein's genius still reigns.



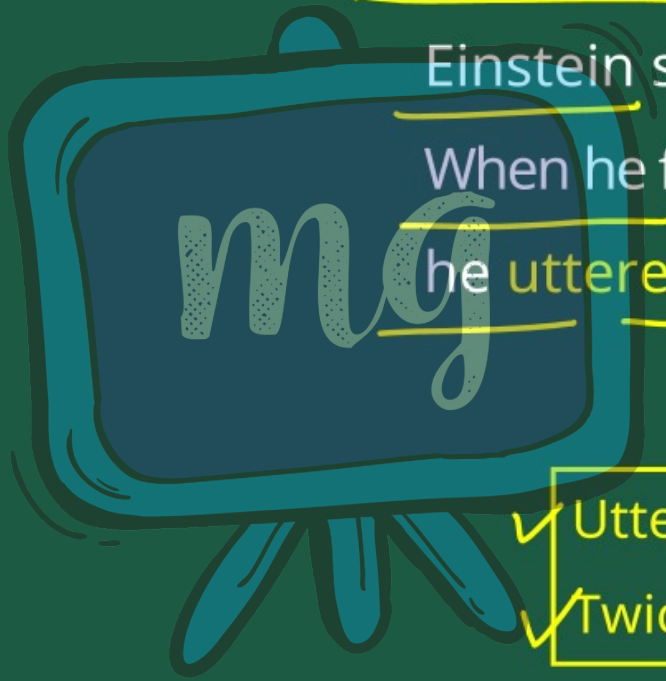
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1. ALBERT Einstein was born on 14 March 1879 in the German city of Ulm, without any indication that he was destined for greatness. On the contrary, his mother thought Albert was a freak. To her, his head seemed much too large.

Indication	:	संकेत
Destined	:	भाग्य में लिखा हुआ
Greatness	:	महानता
Contrary	:	विपरीत
Freak	:	विचित्र/सनकी

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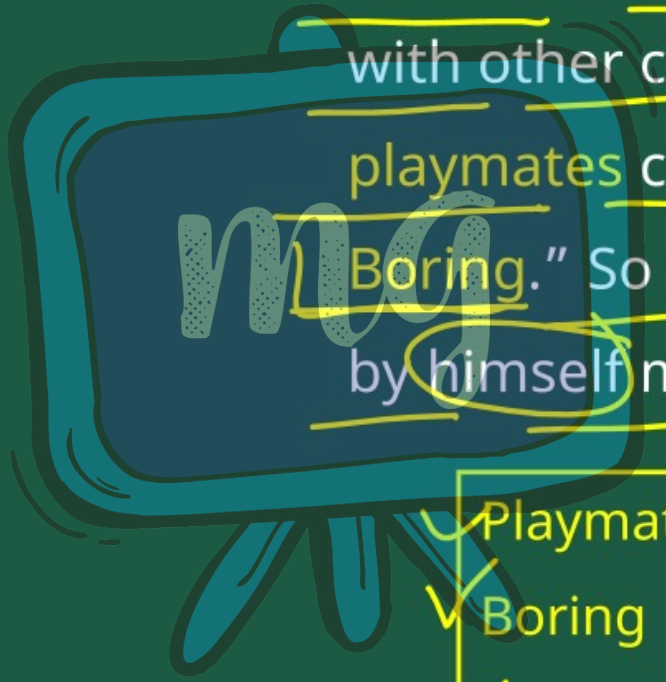
2. At the age of two-and-a-half, Einstein still wasn't talking. When he finally did learn to speak, he uttered everything twice.



✓ Uttered	:	बोला
✓ Twice	:	दो बार

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Einstein did not know what to do with other children, and his playmates called him “Brother Boring.” So the youngster played by himself much of the time.



Playmates	:	जोड़ीदार
Boring	:	उबाऊ
Youngster	:	लड़का/नौजवान

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He especially loved mechanical toys. Looking at his newborn sister, Maja, he is said to have said: “Fine, but where are her wheels?”

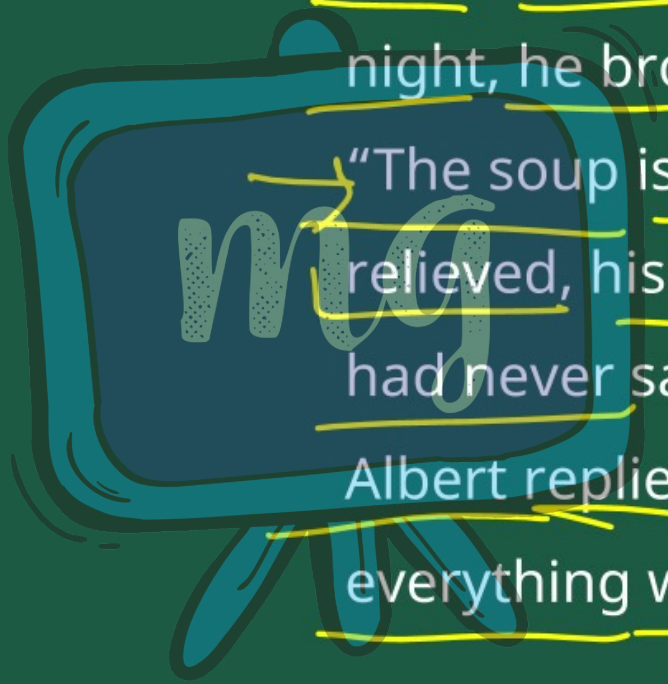
√ Especially	:	खासकर
√ Mechanical	:	मशीनी

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Otto Neugebauer, the historian of ancient mathematics, told a story about the boy Einstein that he characterises as a "legend", but that seems fairly authentic. As he was a late talker, his parents were worried.

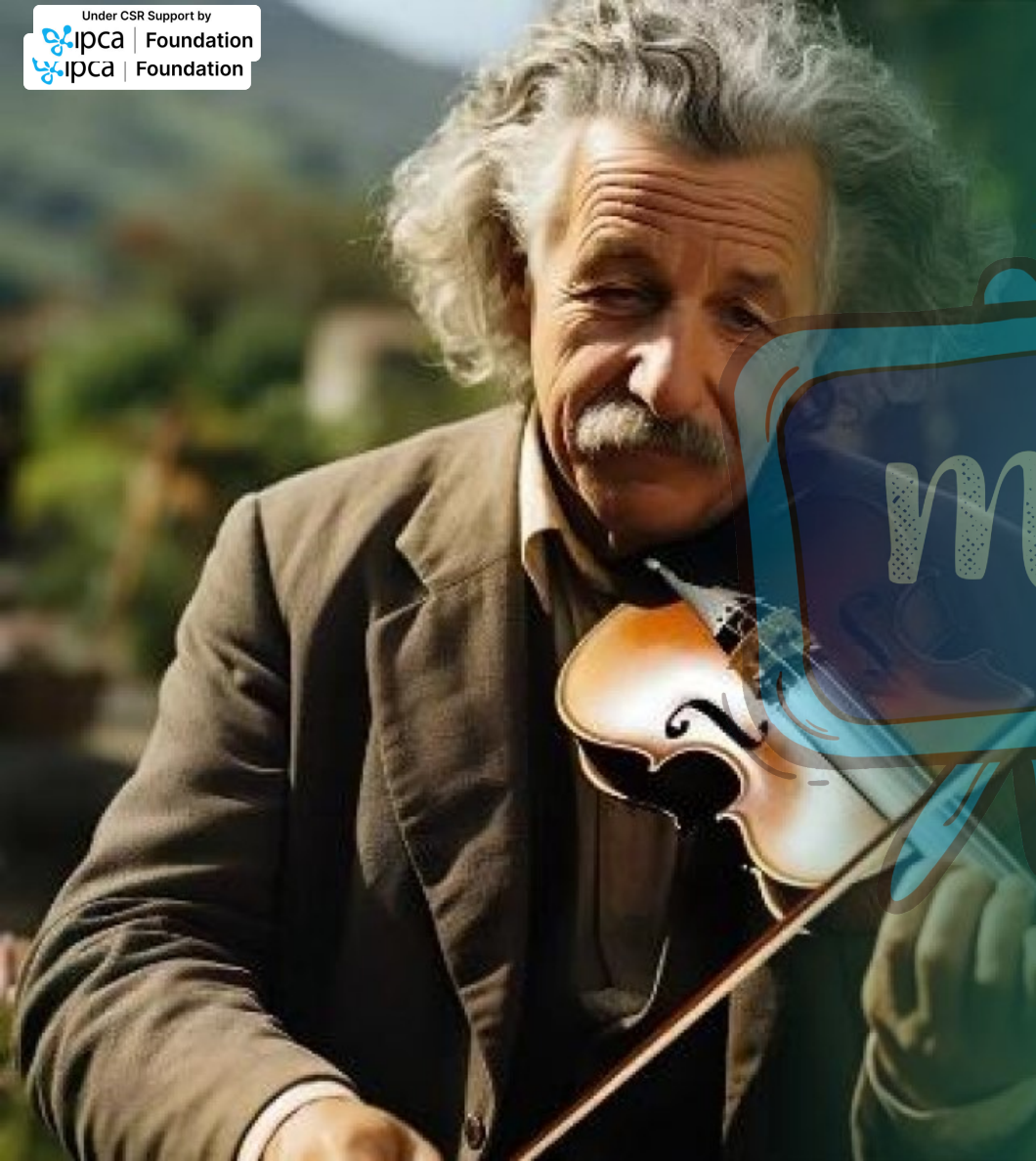
Legend	:	दिव्य चरित्र
Authentic	:	प्रमाणिक/सही

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At last, at the supper table one night, he broke his silence to say, “The soup is too hot.” Greatly relieved, his parents asked why he had never said a word before. Albert replied, “Because up to now everything was in order.”

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3. 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

Profession	:	पेशा
Success	:	सफल

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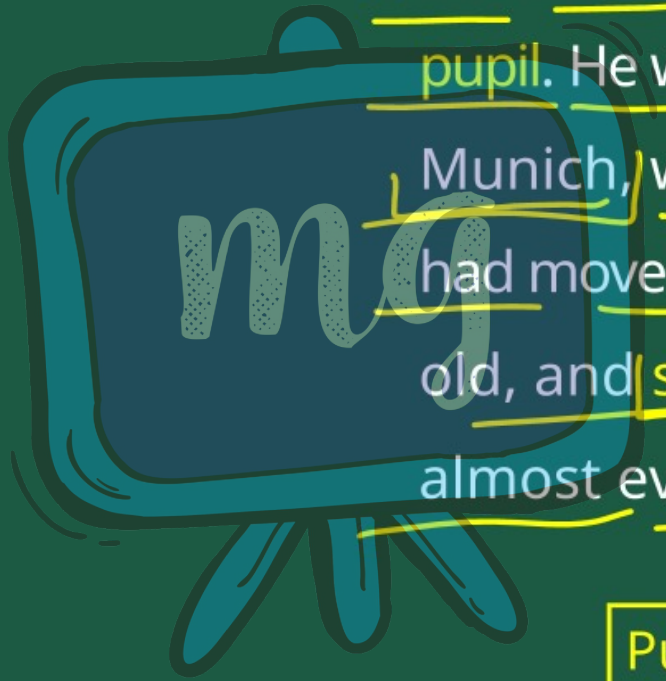
mother wanted him to; he later became a gifted amateur violinist, maintaining this skill throughout his life.

Gifted	:	प्रतिभाशाली
Amateur	:	शौकिया
Violinist	:	वायोलिन वादक
Maintaining	:	बनाए रखना
Skill	:	कौशल

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4. But Albert Einstein was not a bad pupil. He went to high school in Munich, where Einstein's family had moved when he was 15 months old, and scored good marks in almost every subject.



Pupil	:	छात्र
Scored	:	अंक पाना

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Einstein hated the school's regimentation, and often clashed with his teachers. At the age of 15, Einstein felt so stifled there that he left the school for good.

Regimentation	:	अनुशासन
Clashed	:	असहमत होना
Stifled	:	दम घुटना

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5. The previous year, Albert's parents had moved to Milan, and left their son with relatives. After prolonged discussion, Einstein got his wish to continue his education in German-speaking Switzerland, in a city which was more liberal than Munich.

Previous	:	पिछला
Prolonged	:	लम्बे
Discussion	:	विचार-विमर्श
Continue	:	चालू रखना
Liberal	:	आजाद ख्याल

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LEARNING OUTCOMES



1. Early Developmental Challenges
2. The Impact of Perceptions

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ASSESSMENT



1 What did Albert's mother think of him?

A He was a born genius.

B He is intelligent.

C He will rule the world.

D Albert was a freak.

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ASSESSMENT



2 What did Einstein love to play with?

A Plastic Toys.

B Mechanical toys.

C Friends.

D None