

A. Read the extracts given below and answer the questions that follow.

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1. ... what Einstein chose as a profession wouldn't matter, because "he'll never make a success at anything."
 - a. Contrary to the Headmaster's opinion, what did Einstein do in school?
 - i. He scored good marks in almost every subject.
 - ii. He was very popular with all his teachers.
 - iii. He showed great ambition to do well in life.
 - iv. He won prizes in various competitions.
 - b. When Einstein was a young child, why did his mother think he was a freak? Give one reason.
 - c. Fill in the blank with one word only.
Einstein's playmates teased him because they found him
 - d. What did Einstein love to play with when he was a little boy?
 - i. With his younger sister
 - ii. With other children
 - iii. With mechanical toys
 - iv. With complicated puzzles

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e. Select the option that correctly uses the word 'matter' in the same way as used in the extract.

- i. I will first look into the matter and give you my answer after that.
- ii. A great deal of work was done on this matter but without any result.
- iii. The matter under dispute has been in the courts for almost ten years.
- iv. It doesn't matter what I think because she will not change her mind.

Answers

- a. i.
- b. Albert's mother thought he was a freak because he was a late speaker, who uttered everything twice.
- c. boring
- d. iii.
- e. iv.

2. But science wasn't the only thing that appealed to the dashing young man ...

a. Why did Mileva come to study at the University in Zurich?

- i. It was one of the few in Europe where women could get degrees.
- ii. It was the only one where foreign women could study science.
- iii. It was because she wanted to study along with Einstein.
- iv. It was because her family had migrated from Serbia to Switzerland.

b. Mention one reason why Einstein was attracted to Mileva?

c. Fill in the blank with one word only.

Einstein and Mileva both shared the same love for

d. For what reason was Einstein thought to be a 'dashing young man'?

- i. Because he had a walrus moustache.
- ii. Because he had remarkable intelligence.
- iii. Because he was imposing in stature.
- iv. Because he was stylish and exciting.

e. Select the option that does not use the synonym of the word 'young' from the extract.

- i. There were some elderly people resting on the benches in the park.
- ii. He is an experienced man and mature in the matter of making decisions.
- iii. He restored the place to its former glory as seen in the photographs.
- iv. His youthful exuberance was making it hard for anyone to catch up with him.

Answers

- a. i.
 - b. Einstein saw in Mileva an ally against all those he was constantly at odds with since they both shared the same ideas.
 - c. science
 - d. ii.
 - e. iv.
3. One of the famous papers of 1905 was Einstein's Special Theory of Relativity ...
- a. While Einstein was solving the most difficult problems in physics, what personal problem did he face?
 - i. Mileva left him to go back to Serbia.
 - ii. His mother forced him to put his wedding off.
 - iii. He suffered a terrible attack of jaundice.
 - iv. He had no finances to continue his research.
 - b. Mention two things Einstein did to earn some money before he secured a job.
 - c. Fill in the blank with one word only.
Continuing to work on his ideas despite constraints shows Einstein's _____ and belief in himself.
 - d. Which option correctly corresponds to Einstein's Special Theory of Relativity.
 - i. Time and distance
 - ii. Distance and speed
 - iii. Speed and light
 - iv. Mass and energy
 - e. Select the option that does not use a synonym of the word 'famous' from the extract.
 - i. He is celebrated for his contribution to the art world.
 - ii. He is a prominent member of the literary society.
 - iii. She is famed the world over as a fine ballet dancer.
 - iv. She is familiar to me as I have known her since ages.

Answers

- a. ii.
 - b. Einstein worked as a teaching assistant and gave private lessons before he secured a job.
 - c. dedication
 - d. iv.
 - e. iv.
4. The newspapers proclaimed his work as a "scientific revolution."
- a. What did Einstein's theory provide a new interpretation of?
 - i. Gravity

- ii. Matter
- iii. Space
- iv. Distance
- b. Mention two ways the world reacted to Einstein's ground-breaking theory?
- c. Fill in the blank with one word only.
An eclipse of the sun in 1919 brought that Einstein's theory was accurate.
- d. How did the newspapers proclaim Einstein's work?
 - i. As a scientific revolution
 - ii. As a revolutionary theory
 - iii. As an important discovery
 - iv. As a ground-breaking theory
- e. Select the option that correctly uses the word 'work' in the same way as used in the extract.
 - i. We work in the same office but in different departments.
 - ii. The teacher asked him to exhibit his work to the class.
 - iii. Work hard and you will definitely see a positive result.
 - iv. I told him to work hard but he does not seem to care.

Answers

- a. Gravity
 - b. Besides the newspapers lauding him for his achievement, Einstein also received the Nobel Prize for Physics.
 - c. proof
 - d. i.
 - e. ii.
5. "A single bomb of this type ... exploded in a port, might very well destroy the whole port together with some of the surrounding territory."
- a. Identify the source of the given extract.
 - i. A public missive written by Einstein to the United Nations.
 - ii. A speech Einstein delivered in the American senate.
 - iii. A letter Einstein had written to the President of the USA.
 - iv. A speech Einstein delivered to the German Ambassador in the USA.
 - b. In which ways did the political environment at that time affect Einstein's life?
 - c. Fill in the blank with one word only.
The fears of the Nazis building a nuclear bomb caused in the international scientific community.

- d. At whose urging did Einstein write a letter to the then American President?
- His wife's
 - A colleague
 - The scientist community
 - The American people
- e. Select the option that correctly captures the application of the word 'well' as used in the extract.
- The entire team played very well.
 - I don't feel well at all right now.
 - It would be well to know what to do.
 - The ball fell down the deep well.

Answers

- iii.
 - When the Nazis came to power in Germany, Einstein emigrated to the United States as he did not want to be forced to work for them.
 - panic
 - ii.
 - iii.
6. This time he wrote a public missive to the United Nations. In it he proposed the formation of a world government.
- Why did Einstein write to the United Nations?
 - He was shaken by the bombing of Hiroshima and Nagasaki.
 - The President of the United States had asked him to.
 - The international scientific community had asked him to.
 - The Japanese government had appealed to him to do so.
 - How did the dropping of the atomic bomb cause a shift in Einstein's priorities?
 - Fill in the blank with one word only.
Einstein used his to campaign for world peace and democracy.
 - Why is it justified to call Einstein a world citizen?
Select the incorrect option.
 - He lived and worked in two different continents.
 - His work benefitted the whole of mankind.
 - He was keen for the formation of a world government.
 - He made efforts to bring about world peace.

- e. Select the option that does not correctly use the word 'proposed' in the same way as used in the extract.
- i. He proposed that we should all travel together for safety.
 - ii. He proposed to her the same day he returned from the village.
 - iii. The party he had proposed to hold had to be cancelled.
 - iv. I was quite surprised at what he proposed to do on the trip.

Answers

- a. i.
- b. When Einstein's proposal for the formation of a world government was ignored, Einstein gradually got more and more involved in politics, and agitated for an end to the arms buildup.
- c. popularity
- d. ii.
- e. ii.