Congratulations! You passed!

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Go to next item

1. What did Billy buy yesterday? **1 / 1 point**

- (•) An electric toothbrush.
- ( ) An electronic toothbrush.
- ( ) An electric dictionary.
- ( ) An electronic dictionary.

Correct
According to Billy, he bought an electric toothbrush yesterday.

2. According to Alex, what's the difference between electric toothbrush and other appliances? **1 / 1 point**

- (•) It can recharge without any metal contact on the base of toothbrush or the charger.
- ( ) It cannot recharge with any contact on the base of toothbrush or the charger.
- ( ) It cannot recharge with any metal contact on the base of toothbrush or the charger.
- ( ) It can recharge without any contact on the base of toothbrush or the charger.

Correct
As mentioned in the video, the difference between electric toothbrush and appliances is that the electric toothbrush can recharge without any metal contact on the base of toothbrush or the charger.

3. According to Billy, with the development of _____, wireless power transmission is revolutionizing the transmission of electricity from source to device, offering reliable and efficient wireless charging without any cords or cables. **1 / 1 point**

- (•) electromagnetic technology
- ( ) electrical technology
- ( ) electronic technology
- ( ) electric technology

Correct
As mentioned in the video, the development of electromagnetic technology help revolutionize the transmission of electricity from source to device.

4. The concept for wireless electrical transduction was proposed about _____ years ago by _____. **1 / 1 point**

- ( ) 1,000; Nikola Tesla
- ( ) 100; Ampere
- ( ) 1,000; Ampere
- (•) 100; Nikola Tesla

Correct
As mentioned in the video, Nikola Tesla proposed the concept of wireless electrical transduction 100 years ago.

5. Which statement in the following about wireless chargers for electric automobiles is NOT right? **0 / 1 point**

- ○ The reception coil produces an alternating magnetic field, preventing it from receiving the charge wirelessly.
- ○ There are mainly two types of wireless chargers for electric automobiles: electromagnetic radiation and magnetic resonant coupling.
- ◉ The chargers and radiation coils are buried in the power-supply system beneath the parking space.
- ○ When the car is parked in the parking spot, the reception coil beneath the car will match with this radiation one.

⊗ **Incorrect**