## Take the RFID Knowledge Test

When it comes to RFID, are you like “IDK*” or do you have “TMI*”?

Let’s see how much you know about Radio Frequency Identification.

### Answer Key:

| 1. RFID |
| 2. False |
| 3. True |
| 4. B |
| 5. B |
| 6. C |
| 7. True |
| 8. E |
| 9. Mobile |

### 1) The wireless non-contact use of radio-frequency electromagnetic fields for the purposes of automatically tracking assets is generally referred to as __ F __ __. __.

### 2) The primary difference between an Active RFID Tag and a Passive RFID Tag is:

- A. Color
- B. Size
- C. Location
- D. A Battery

### 3) TRUE or FALSE:

EPCglobal is an organization set up to achieve worldwide adoption and standardization of Electronic Product Code (EPC) technology. The main focus of the group currently is to create a worldwide standard for RFID.

### 4) Which RFID component is typically attached to an asset?

- A. Cable
- B. Tag
- C. Reader

### 5) In 2010 three key factors drove a significant increase in RFID usage. Which of the following was NOT a contributing factor:

- A. Decreased cost of equipment and tags
- B. RFID was brand-new to the market in 2010
- C. Increased performance to a reliability of 99.9%
- D. A stable international standard around UHF passive RFID

### 6) The United States Department of Defense published requirements that their vendors place RFID tags on all shipments to improve supply chain management. What major retailer has followed suit with this practice?

- A. Target
- B. Amazon
- C. Wal-Mart
- D. Zappos

### 7) TRUE or FALSE:

Foil-lined packages, liquids, and metal surfaces pose challenges for RF energy to penetrate.

### 8) Which application is NOT currently used with RFID technology?

- A. Amusement park “child tracking”
- B. Shipping container security
- C. Library Systems
- D. Vehicle immobilizers
- E. Airplane in flight location tracking

### 9) Two types of RFID readers are often referred to as FIXED and __ __ B __ L __ __.

### OTHER INTERESTING USES OF RFID*

**Fact 1:** If you have an American passport, then you’ve traveled with an RFID chip. Located on the page with all your other information is an RFID chip that will track your passport if it’s lost or stolen.

**Fact 2:** RFID helps scientists fight extinction by tracking animals to learn more about their habits and environments.

**Fact 3:** RFID enabled pathways are currently being enabled and tested for the blind.

**Fact 4:** Bee conservation. RFID allows scientists to track bees, learning which plants they rely on most for survival.

*Adapted from Factsbarn.com

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**THE RESULTS**

If you answered 1-2 correctly...Basically, You’re a Barcode

Brush up on that knowledge before you become obsolete!

If you answered 3-5 correctly...Treading Water

Swimming along, but be sure to keep your head above water.

If you answered 6-8 correctly...Ridin’ the Radio Waves

You’re coasting, keep it up!

If you answered 9-10 correctly...Ultra-High Frequency

You’re so bright, we could read you from outer space.


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*IDK - I Don’t Know
*TMI - Too Much Information