

Introduction to Electronics

1. Name the five major segments of the electronics industry.
 - a.
 - b.
 - c.
 - d.
 - e.
2. The electronic components segment includes
 - a. Data acquisition equipment
 - b. Independent parts or devices
 - c. Peripheral equipment
 - d. Wireless devices
3. The instrumentation and measurements segment manufactures equipment which
 - a. Is used in the media
 - b. Builds integrated circuits
 - c. Tests and analyzes data
 - d. Transmits and receives signals
4. The computer industry segment not only manufacture computers but also include manufacturers of
 - a. Appliances
 - b. Peripheral equipment
 - c. Transformers
 - d. Wireless systems
5. Which segment of industry manufactures inductors, transistors and printed circuit boards (PCB)?
 - a. Components segment
 - b. Computer segment
 - c. Control and monitoring segment
 - d. Instrumentation and measurement segment
6. Cellular phone manufacturers are part of which segment of the electronics industry?
 - a. Communications segment
 - b. Components segment
 - c. Computer segment
 - d. Instrumentation and measurement segment



7. Which type of equipment is NOT found in the control and monitoring segment of the electronics industry?
 - a. Appliances
 - b. Home control
 - c. Robots
 - d. Satellites
8. Medical equipment manufacturers fall under which segment of the electronics industry?
 - a. Communications segment
 - b. Computer segment
 - c. Control and monitoring segment
 - d. Instrumentation and measurement segment
9. Overall, the electronics industry can typically be found in all the following markets EXCEPT
 - a. Business
 - b. Entertainment
 - c. Fine art
 - d. Military
10. Distributors/wholesalers sell their products to
 - a. Component manufacturers
 - b. Customers and end users
 - c. Electronic equipment manufacturers
 - d. Service companies
11. Electronic equipment manufacturers build products and sell to all BUT
 - a. Component manufactures
 - b. Customers and end users
 - c. Distributors/wholesalers
 - d. System integrators
12. The only customers to typically receive raw materials are the
 - a. Component manufacturers
 - b. Equipment manufacturers
 - c. Service companies
 - d. System integrators
13. Service companies supply support and services to
 - a. Distributors
 - b. Electronic equipment manufacturers
 - c. End users
 - d. System integrators