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Ecodesign of electronic devices

UNIT 13: Internet of things – IoT

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1.1 Quiz

- PLEASE, CHOOSE THE CORRECT ANSWER:
 1. Is IoT another term for the Internet? (NO)
 2. Is IoT term used for devices that are connected to the network and are capable of communication among each other? (YES)
 3. Does each IoT device have unique identification? (YES)
 4. Does IoT include wireless sensor networks? (YES)
 5. Smart cities do not include management of city tasks? (NO)
 6. Do smart networks contain supply of electrical energy from different sources? (YES)
 7. Does smart traffic contain only environmentally efficient vehicles? (NO)
 8. Does smart traffic also include air traffic? (YES)
 9. Is methodology of smart buildings an upgrade of buildings with graphic user interfaces? (NO)
 10. Smart health includes modern technologies for monitoring of bodily functions, advanced data analysis, and alarms? (YES)



1.2 Assignment

Elaborate the concept of IoT devices for smart cities. Which IoT devices would a smart city need (sensors, control modules, communication modules, etc.)? You can focus on the concept of smart mobility inside the smart city. What role does cloud computing have in smart mobility inside the smart city?

