

**1. Assign the correct definition, and write in degree of intelligence of automated homes.**

Name	Degree of intelligence	Definition
Connected home		
Containing intelligent devices and systems		
Self-learning home		
Containing intelligent communications equipment and systems		
Attentive home		

- A** – House includes separate functional intelligent devices and systems operating independently of the other
- B** – Activity and immediate location of people and objects in the house are continually evaluated and technology is automatically controlled by anticipation
- C** – It records the activities in the house and the obtained data are used for automatic control according to the anticipated needs of users
- D** – It includes equipment and systems that ensure the information exchange between equipment of the installation
- E** – The house is connected by means of internal and external communication network, it allows remote controlling of the system.

**2. Mark components monitoring events in the system and any changes in the system indicate to a bus.**

- Sensors
- System components
- System device
- Actuator

**3. Modify the following texts so that the statements are true.**

Smart Home Monitoring and Control is segment including in particular the ( eHealth smart metering ) and home automation systems, supervising and controlling the house lighting, heating or cooling and also safety.

Smart Home Entertainment includes ( control devices and applications installing software ) for audio and video devices such as TV, set-top boxes, DVD players for multimedia content (DVD, BluRay), game consoles as well as digital cameras or home data storage.

**4. List four equipment belonging to the sensors.**

- a) \_\_\_\_\_
  - b) \_\_\_\_\_
  - c) \_\_\_\_\_
  - d) \_\_\_\_\_
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**5. Modify the following texts so that the statements are true.**

( Sensors ) ensure the performance of certain operations as a result of changes in the system.  
( Actuators )

Influence of external conditions on the process management means mainly  
( energy management )  
( cost management )

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**6. List four equipment belonging to the system components and devices.**

- a) \_\_\_\_\_
  - b) \_\_\_\_\_
  - c) \_\_\_\_\_
  - d) \_\_\_\_\_
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