

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

Name	Degree of intelligence	Definition
Connected home	3	E
Containing intelligent devices and systems	2	D
Self-learning home	4	C
Containing intelligent communications equipment and systems	1	A
Attentive home	5	B

- 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.****X 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.



Erasmus+

This project has been funded with support from the European Commission.

This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

4. List four equipment belonging to the sensors.

- a) **pushbutton switches**
  - b) **thermostats**
  - c) **motion detectors**
  - d) **digital inputs**
- 

5. Modify the following texts so that the statements are true.

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

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

---

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

- a) **voltage source**
  - b) **repeater**
  - c) **controllers**
  - d) **interfaces to connect a computer or modem**
- 

