1. List at least 3 important features of smart grid.

1. Reliability

2. Survivability

3. Self-healing

4. Decision making

1. Assign the Domain from the left column to the corresponding essential system.

|  |  |  |
| --- | --- | --- |
| Distribution management systems |  | Trading system |
|  |  |  |
| Demand and production (generation) flexibility systems |  | Aggregated prosumers management system |
|  |  |  |
| Marketplace system |  | Device remote Management system |
|  |  |  |
| Administration systems |  | Advanced Distribution Management System (ADMS) |

1. List 3 microgrid topologies based different types of sources.

1. AC microgric

2. DC microgrid

3. Hybrid microgrid

1. List 2 modes of operation of microgrid

1. Grid connected mode

2. Island mode

1. Choose correct names for 3 axis of SGAM model



1. Correct the text so that the following statements are true

has slowest reaction time (minutes to hours). Often involves prediction of weather, tariffs, loads and aims to achieve economic savings.

copes with instant power sharing control and current/voltage regulations.

has slower reaction time (seconds to minutes), deals with the voltage compensation and balancing, power quality requirements.