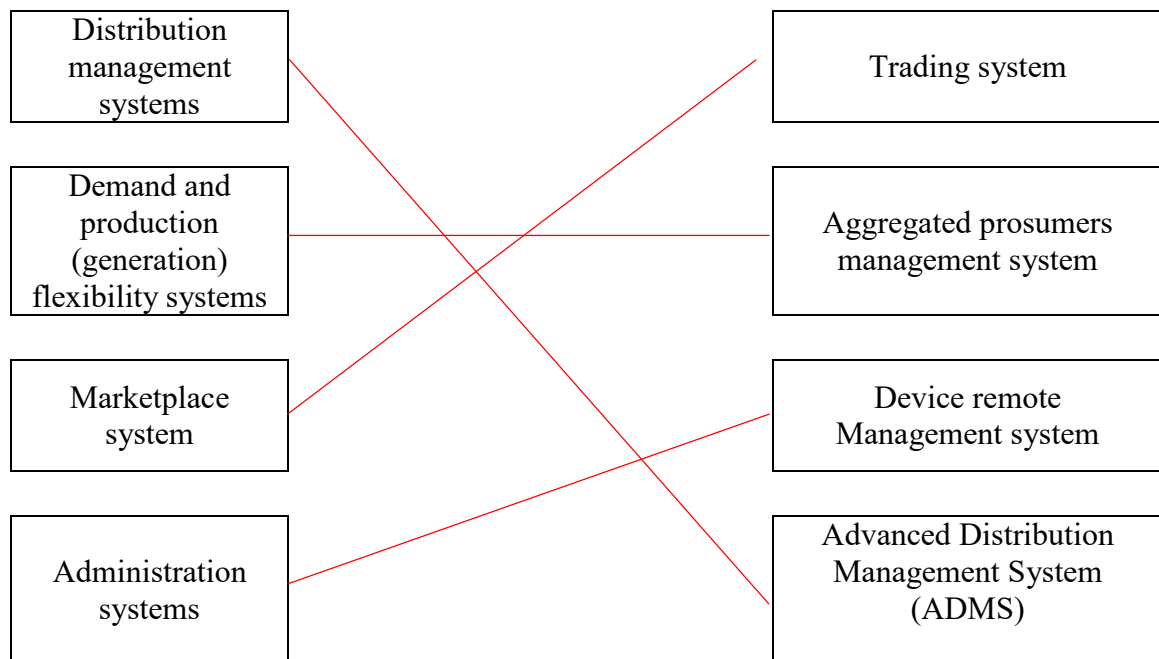

1. List at least 3 important features of smart grid.

1. Reliability
 2. Survivability
 3. Self-healing
 4. Decision making
-

2. Assign the Domain from the left column to the corresponding essential system.**3. List 3 microgrid topologies based different types of sources.**

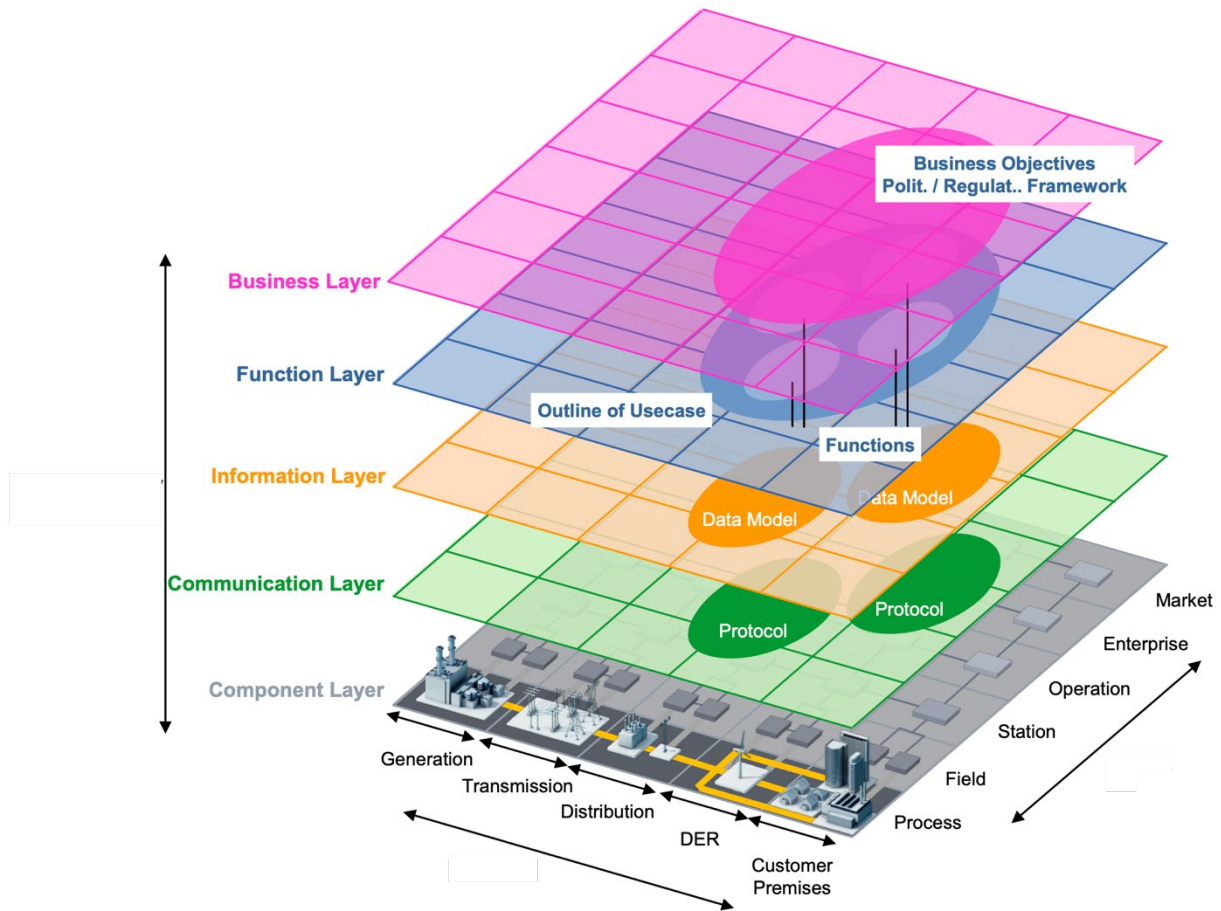
1. AC microgrid
 2. DC microgrid
 3. Hybrid microgrid
-

4. List 2 modes of operation of microgrid

1. Grid connected mode
 2. Island mode
-



5. Choose correct names for 3 axis of SGAM model



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

(
~~Primary control~~
~~Secondary control~~
Tertiary control
)

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

(
Primary control
~~Secondary control~~
~~Tertiary control~~
)

regulations.

(
~~Primary control~~
Secondary control
~~Tertiary control~~
)

voltage compensation and balancing, power quality requirements.

