

(GSA)

Q. Define energy. Name four renewable sources. How can our country come out of Energy crisis? (6 marks)

Ans

1)

ENERGY

"The capability to do work is called energy."

Basically, there are two forms of energy, kinetic and potential

2)

RENEWABLE ENERGY SOURCES

"Those sources of energy which can be retained again and again."

Renewable sources of energy may include;

1- Hydel energy

Date: _____

Day: _____

- 2- Tidal energy
- 3- Solar energy
- 4- Wind energy.

3) CAUSES OF ENERGY CRISIS IN PAKISTAN

- 1- Mal administration.
- 2- Economic and financial constraints
- 3- Lack of advanced technology
- 4- Line and transmission losses.
- 5- Electricity theft
- 6- Dependency on non-renewable
- 7- energy sources than renewable ones.
- 7- Ineffective policy implementation
- 8- Underdeveloped infrastructure.

4) IMPLICATIONS OF ENERGY CRISIS

- 1- Load shedding
- 2- Industries are closed
- 3- Unemployment
- 4- Poverty

Date: _____

Day: _____

- 5- Inflation
- 6- Disturbed law and order situation
- 7- Agriculture is affected

5) WAYS TO RESOLVE ENERGY CRISIS IN PAKISTAN

- 1- Ensuring effective administration
 - 2- Reducing line losses by using advanced technologies such as advanced grid system
 - 3- Reducing electricity theft by implanting smart meters.
 - 4- Producing cheaper electricity by using cheaper fuels such as solar energy.
 - 5- Shift from non-renewable to renewable sources of energy.
 - 6- Getting access to new technology
 - 7- Seeking bilateral, regional or global assistance to get technology.
-