**Topic**: **Renewable and Non Renewable Resources**

**Content**:

1. **Definition of renewable and non renewable resources**
2. **Advantages of renewable and non renewable resources**
3. **Disadvantages of renewable and non renewable resources**

**Natural resources** which are useful to human beings, but when they are abused or mismanaged could have adverse effect on man and his environment.

Resources are classified into:

* **Renewable resources** are resources that have cycle and as such, readily available for man’s use. This type of resources is much more desire able to use because often a resource is renews so fast that it will have generated by the time it is used up. Examples are solar energy, wind energy, trees, plants, water e.t.c

**Advantages of renewable resources**

1. The resources are renewable and easily regenerated
2. Renewable energy such as solar produce clean energy that does not pollute the environment.
3. Renewable sources of energy are available every where
4. Maintenance cost needed to install renewable source energy is cheap

**Disadvantages of renewable resources**

1. Most renewable sources of energy are affected by weather
2. They could be wasted because of the fact that they are readily available
3. No optimum use of it
4. They can cause natural disaster

**Non Renewable resources** are resources that don’t have cycles and as such can be depleted. Non renewable resources cannot sustain its consumption rate. In other words, non renewable energy is not sustainable. Examples are fossil fuel (petroleum, oil and natural gas) and nuclear energy

**Advantages of non renewable resources**

1. Availability of fossil fuels and coal
2. Availability of technology

**Disadvantages of non renewable resources**

1. The resources are not renewable when they run out inevitably
2. Carbon dioxide and other climate gas are released in large quantities when fossil fuels and coal are used
3. Environmental pollution
4. They can be depleted

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**ASSESSMENT**

1. What are the classification of resources?
2. What are renewable resources?
3. What are non-renewable resources?
4. List 2 advantages and 2 disadvantages of renewable resources
5. List 2 advantages and 2 disadvantages of non-renewable resources