THE ELIXIR OF LIFE

By C.V. Raman
C. V. Raman

- Won Nobel Prize for Physics
- He is also known as father of Indian Science
- Received first National Professorship
- The essay is very old but very relevant as the topic is still a burning issue
Elixir is also known as amrit.
It is the life force.
In common language water can be called amrit or elixir.
Water is the bases of all life on this planet-plant life or animal life.
Earth is known as blue planet because of the presence of water on its surface

One great example of the power of water in shaping the face of this earth is river nile

On one side is the greenery and on the other side is the billowing desert
Flowing water carries soil particles in it

Owing to different color of soil in the catchment areas the color of the water also varies

Flow of the water plays a very important role in many geological processes

When the flow goes unchecked it can be the cause of soil erosion
Main causes of soil erosion

- Slope of the land
- Removal of the protective coat of vegetation
- Existence of ruts along which water can flow with great momentum
Prevention of soil erosion

- Terracing of land
- Construction of bunds to check the flow of water
- Practice of contour cultivation
- Plantation of appropriate type of vegetation
Afforestation is very important for conservation of water
Civilized jungles are the call of the day
- Interconnected waterways must be developed and maintained as they are cheap means of transport
- Cheap and clean means of transport