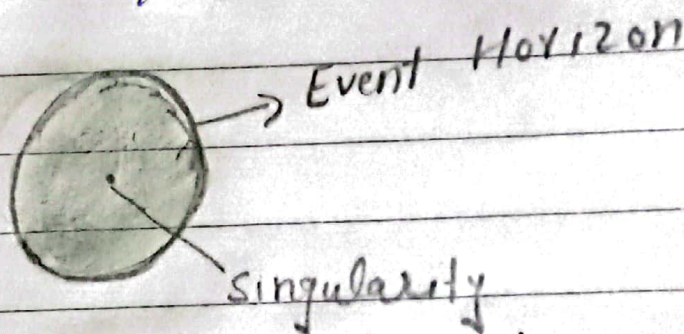


Q1

Define the term Black Hole. What's expected inside it.

Black Hole:

Black Hole is a region in the space where gravitational pull is so high that nothing can escape out of its boundary due to gravitational pull.



What is expected inside it.

It is considered that black hole is a singularity, it is so dense and heavy that anything can imagine. It does not allow anything to escape out of its boundary which is called event horizon. Astrophysics has not so much developed, that it can find what is inside the black hole. However it is considered that



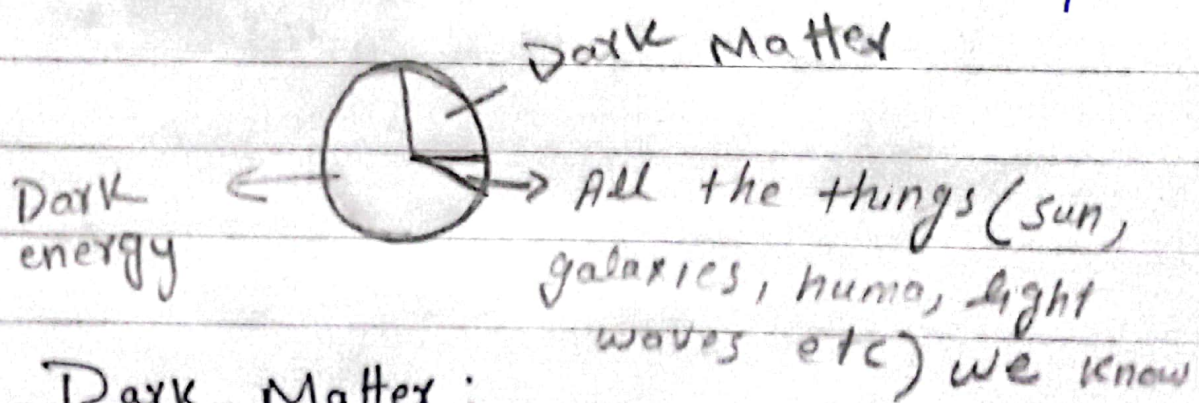
It is like a singularity point.

Q2 Explain the term Dark Energy and Dark Matter.

Dark Energy:

Dark Energy is a theoretical form of energy which permeable in the whole universe. It does not interact with electromagnetic radiations.

However it is considered that dark energy is responsible for the observable universe expansion.



Dark Matter:

Dark Matter is a type of matter in the universe that does not interact with light and it also not reflect nor observe light. It is consider that it do not consist of proton, neutron or electron.



← →  
it is made of another type of material which minimum attract with electromagnetic ~~light~~ waves, and other material.

Dark Matter and Dark energy both ~~total~~ make 95% of the universe while only 5% of the universe we know such as sun, galaxies, light waves etc. This is very little <sup>which</sup> we know about universe.