1. Differenciate between concavo - convex lens and convexo concave lens.

Concavo - Convex lens	Convexo - Concave lens.
→ It has one surface concave and other surface convex.	→ It has one surface convex and the other surface concave
→ In this lens it is thick at the centre and then at the edges.	→ It is thicker at the edges and then at centre.

2. What is the reason behind the sparkling of a diamond?

Diamond has a very high refractive index. It is because of this property that diamond sparkles. When light enters the diamond crystal, it suffers multiple total internal reflections and due to this sparkles.

In which case the converging will be more Bi- convex or Plano- convex?

A bi-convex lenses behaves as converging lens because the refractive index of that material of the lens is greater than refractive index of air. The refractive index of material of lens (1.5) is also greater than the refractive index of water. (1.33). So it will behaves as a converging lens.