

Previous Year JEE Problems

4) A metal M readily forms its sulphate MSO_4 which is water soluble. It forms its oxide MO which becomes inert on heating. It forms an insoluble hydroxide $M(OH)_2$ which is soluble in NaOH solution. Then M is

(1) Mg

(2) Ba

(3) Ca

(4) Be

Solution: Because of its small size, Beryllium shows anomalous properties with alkaline earth metals. Hence option (4) is the answer.
