CHAPTER 10
A list of bullet points with important information is given to help you learn the subject matter of this chapter.

1.- Cement is prepared by calcining limestone.
2.- "Plaster-of-Paris" is prepared by calcining gypsum.
3.- Sapphire and ruby (gems) have the same composition.
4.- Diamonds are chemically identical to carbon.
5.- The principal type of building stone used in the U.S. is granite.
6.- In general, the value of building materials is a function of their degree of processing.
7.- Pearls are the same composition as calcite.
8.- Sapphires have virtually the same chemical composition as corundum.
9.- The largest volume mineral commodity used in the U.S. is crushed stone.
10.- The primary constituent used in making bricks is clay.
11.- Glasses that can withstand heating and cooling, such as "Pyrex," are usually prepared with the specific addition of B203.
12.- The use of asbestos in the first half of this century increased rapidly because it: (1) is strong; (2) is flexible; (3) is chemically resistant; (4) will not bum.
13.- Since about 1973, the use of asbestos in the U.S. has decreased markedly because some forms have been found to be carcinogenic.
14.- The principal use of fluorite is as a flux in steel making.
15.- The principal use of barite is as oil drilling mud.
16.- Pearls have the same general composition as the common mineral calcite.
17.- The world's largest producer of synthetic diamonds is U.S.
18.- The primary use of zeolites today is in oil refining.
19.- Large, irregular-shaped blocks of rough-hewn stone are known as rip-rap.
20.- A typical lightweight aggregate is vermiculite.
21.- The material added to cement to control setting times is gypsum.
22.- The mineral composition of the mid-latitude beaches around the world is quartz.
23.- The mineral composition of beaches in the Bahamas and most tropical areas is calcite.
24.- Mesothelioma is a form of cancer associated with the chrysotile form of asbestos.
25.- The dominant mineral present in fireclays is kaolinite.
26.- The only mineral resource we use that did not form in the Earth's crust is diamond.
27.- The mineral garnet is employed as an abrasive.
28.- Barite is an industrial mineral employed chiefly by the petroleum industry.
29.- Asbestos usage in the first half of the 20th Century was promoted because it is: (1) flexible (2) strong (3) resistant to chemicals (4) not flammable.
30.- Diatomite is a sedimentary rock made from the skeletons of small siliceous animals.
31.- The principal form of asbestos that has been used in the United States is chrysotile.
32.- The principal constituent (by volume) in concrete is gravel.
33.- Diamonds form in the earth's mantle.
34.- The mineral substance used to coat the surfaces of high quality paper so that it will hold fine images during printing is clay.
35.- Zeolites have become industrially important because of their usage in refining of oil.
36.- Over the past 30 years, asbestos usage in the United States has been falling because cheaper substitutes have been found.
37.- Diamonds are composed of more than 99.95% of carbon.
38.- The dominant component in making glass is quartz sand.
39.- The primary elements that make sea water salty are sodium and chlorine.
40.- The principal earth resource used by great sculptors like Michaelangelo, and obtained from the famous quarries at Carrara in Italy is marble.
41.- The growing problem faced by United States' stone producers is pressure to move mining operations from areas of suburban growth.