

## Rocks : W.S.-30

- 1) What type of rock is basalt? Why is basalt black?
- 2) What is the white mineral in diorite?
- 3) Why can't you see the crystals in obsidian?
- 4) Name the pink mineral in granite.
- 5) What property of sandstone makes it useful for sharpening knives?
- 6)a) What type of rock is limestone?  
b) Name the mineral found in limestone.
- 7) Give an important property of slate.
- 8) Why is chert so hard?
- 9) Which has larger crystals, andesite or diorite?
- 10) Name a rock which can be used to make a fireproof fabric.
- 11) What mineral is found in peridotite?
- 12) Name three minerals that can be found in sand.

Answers : 1) It is igneous. It contains mostly dark minerals., 2) quartz or feldspar, 3) They are small. This rock cooled quickly., 4) feldspar (orthoclase), 5) It is hard. It contains a lot of quartz which is harder than steel., 6)a) sedimentary, b) calcite ( $\text{CaCO}_3$ ), 7) It cleaves into flat plates., 8) It contains a lot of quartz., 9) diorite, 10) asbestos, 11) olivine, 12) quartz, feldspar, biotite (or other dark minerals).