

Rocks : W.S.-20

- 1) What is a rock?
- 2)a) Name the three types of rocks.
b) Which type of rock forms deep underground?
c) Which type of rock solidifies from hot liquid rock?
d) Which type of rock may contain fossils?
- 3)a) Name the igneous rock with small crystals and no quartz.
b) Name the igneous rock with large crystals and 10-40 % quartz.
- 4) How can large crystals form in an igneous rock?
- 5) What is weathering?
- 6) Name three types of sedimentary rocks.
- 7) Where does clay come from? What rock forms from hardened clay?
- 8) What are strata? How are they formed?
- 9) Which rock forms from shells of sea creatures?
- 10) How is coal formed?
- 11) Name the metamorphic rock that forms from sandstone.
- 12) Name the metamorphic rock that forms from limestone.

Answers : 1) It is a solid mixture of minerals., 2)a) igneous, sedimentary, metamorphic, b) metamorphic, c) igneous, d) sedimentary, 3)a) basalt, b) granite, 4) Large crystals form when liquid rock cools slowly., 5) It is the breakdown of rock by water, wind or ice., 6) sandstone, shale, conglomerate, limestone,... 7) Clay comes from weathered feldspar. It hardens to form shale., 8) Strata are layers of rock., They form under water from deposited sediment., 9) limestone,

10) It is the hardened remains of dead plants that have been buried for a long time., 11) quartzite, 12) marble.