

Figure A. Questions from figure A.

(a) Frost wedging and Frost heaving

(b) change in sediment grain comes due to the constant abrasion with the river floor and with other grains. The two most common grain appearance in a river are; Rounded grain and angular grain-

(c) Loose sediments changes into solid rock by a process known as lithification when the sediment are deposited over the sea floor, the overburden pressure and cementing minerals harden these sediments thus changing into a sedimentary rock

(d) The two main changes that commonly occur during metamorphism are the change in texture of the rock and the internal minerals-

Questions from figure B.

(ii) same answer as (b)

(i) can only be solved on the question paper-

Questions from figure c

(i) :- Cinder-cone volcano erupts both ash and lava flow and it has steep walls.

(ii) a:- ~~The~~ During eruption the dissolved and trapped gases in magma expands and escape violently into the atmosphere thus producing an ash column over the volcano.

(b) (i) Earthquakes in episodes

(ii) ash fall will certainly damage nearby buildings and will damage the vegetation.

D) → Answer the following.

(i) Break down of rock weathering
wearing away Erosion
A process caused Erosion
An effect of plant weathering.

(ii) Acidic rain water causes limestone to weather away. The water contain H_2SO_4 .

(iii) For the preservation of fossil moderate heat is igneous rocks are made up of lava/magma, where the heat can consume every thing.

True

(v) Landslide is responsible for producing large poorly sorted breccia at the bottom of cliff.