

synonym of the focus .		typically travel at a speed that is 10% slower than S-waves. Rayleigh waves propagate through the ground as ripples.
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Q.2) Consider the following statements:

1. Acid rocks have high content of silica.
2. Basic rocks are poor in silica, hence the parent material of such rocks cools slowly and thus, flows and spreads far away.

Which of the above statements is/are NOT correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 and 2

Q.2) Solution (d)

Note: Incorrect statements are asked in the question.

Basic Information:

Acid Rocks:

- These are characterized by high content of silica, up to 80 per cent, while the rest is divided among aluminum, alkalis, magnesium, iron oxide, lime etc.
- These rocks constitute the SiAl portion of the crust.
- Due to the excess of silicon, acidic magma cools fast and it does not flow and spread far away.
- High mountains are formed of this type of rock.
- These rocks have a lesser content of heavier minerals like iron and magnesium and normally contain quartz and feldspar.
- Acid rocks are hard, compact, massive and resistant to weathering.

Basic Rocks: