

CW
11/5/21

Interior of the Earth

Q- Difference between Crust, Mantle & Core?

ans-

Crust

Mantle

Core

i.) The crust is the outermost layer of the Earth.

ii.) The mantle lies below the crust.

iii.) The Core is the innermost layer of the Earth.

ii.) The temperature is 50°C to 55°C .

ii.) The temperature

is 2500°C .

ii.) The temperature of the core

iii.) The depth of the oceanic crust is 5-10 km. The depth of the continental crust is 35-70 km.

iii.) The depth of the ^{upper} mantle is ~~70-300 km~~

is

~~70 km~~ 2900 km.

iii.) The depth of the core is about 3500 km.

iv.) The major minerals of the crust are silica and aluminium.

(SIAL)

iv.) The major minerals of the mantle are silica and ~~magnesium~~ magnesium. (SIMA).

iv.) The major mineral are iron (Fe) & nickel (Ni), (NIFE).

Crust

Mantle

Crust

v.) The crust is in the solid state.

v.) The upper mantle is in solid state and the lower mantle is in semi-solid ~~st solid~~ state

v.) The outer core is in liquid state and the inner core is in the solid state.