

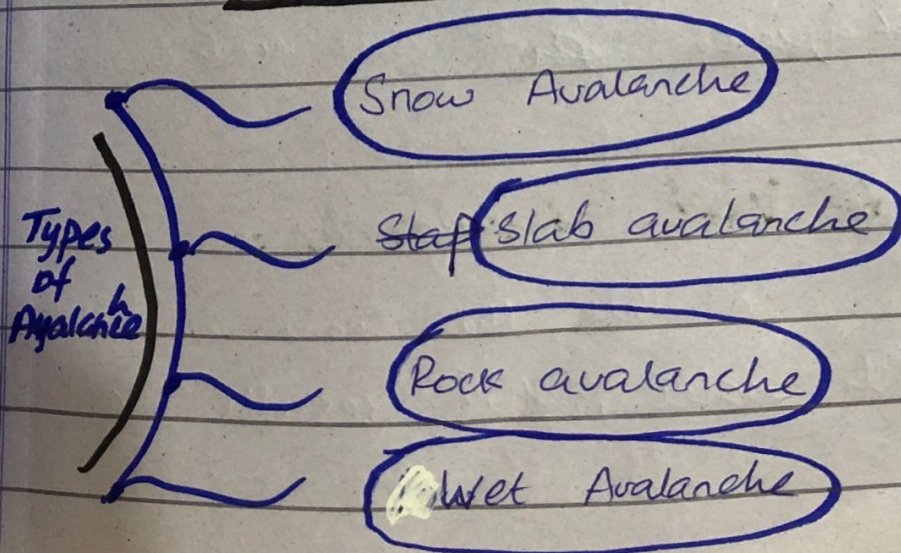
What is Avalanche; describe its four types with focus on most dangerous type?

Understanding the concept Avalanche

It is the fast motion of ice, snow and sometimes rocks from the mountains or slopes. It happens due to many reasons: **steep slopes, increased snowfall, weak layering of snow** etc.

(II)

TYPES OF AVALANCHE



a- Snow Avalanche:

This type of avalanche occurs when the snow tumbles hill down from the slopes due to heavy snowfall or weak layering.

b- Slab Avalanche:

A slab from the ice break down and fall down like a piece.

c- Rock Avalanche:

When a piece of rock fell down from mountains due to earthquakes. ~~later~~ it mix with snow.

d- Wet Avalanche:

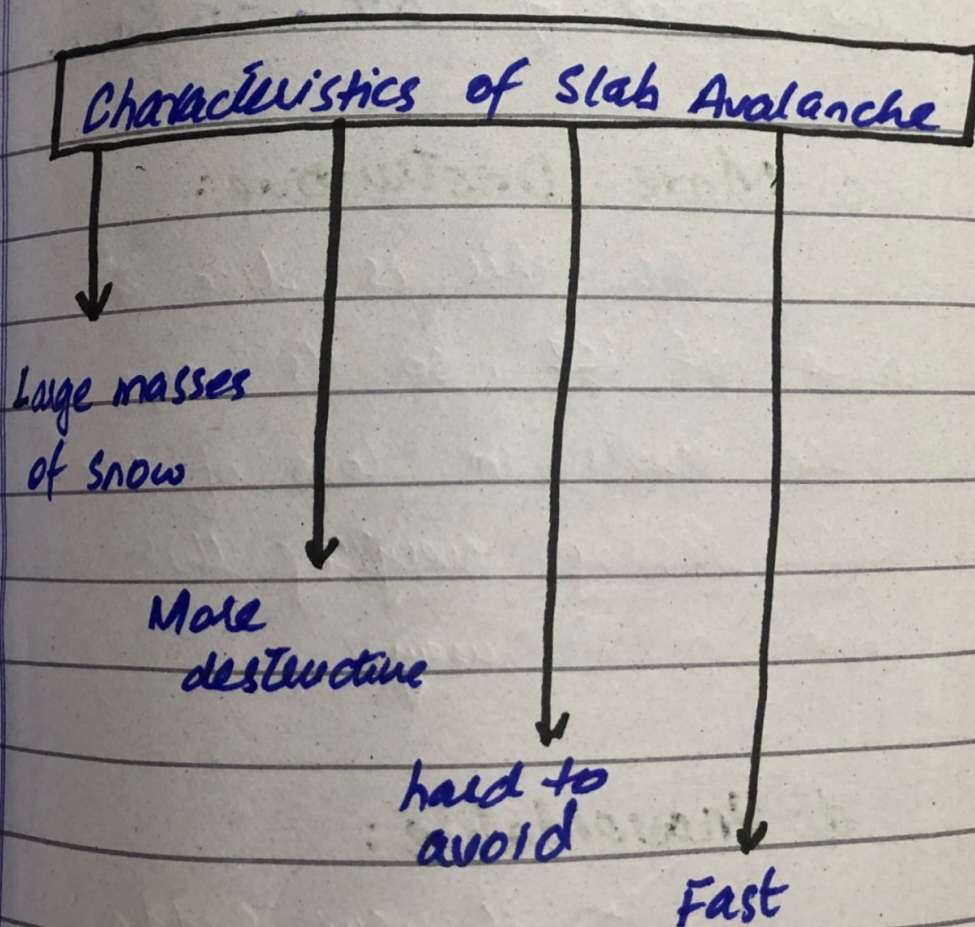
In this the snow combines with water, this results in

slipping of snow.

(III)

MOST DANGEROUS TYPE

Most dangerous type of Avalanche is Slab avalanche. Following are the main characteristics of Slab Avalanches.



a. Large Masses:

They are usually much larger than any other avalanches. ^{It consists of} large masses of ice. ^{3m}

b. Fast moving:

They move very rapidly. Sometimes they move with the speed of **80 - 30 Km/h**.

c. More Destructive:

As this is like a piece of ice, so its large piece results in loss of life and destroy everything that come in its way.

d. Unavoidable:

It is very sudden,

fast and large in size results
in destruction which is unavoidable.

(IV)

ILLUSTRATION

