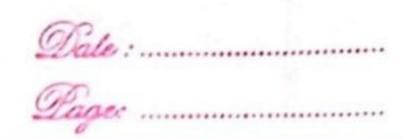
Chapte	Y
27	-

## Recent Trend in Physics The

Answer	Seismo1099
marker ->	Seismology The Scientific Study of earthquokes is called
24- 31 F	Seismology A person specialized in the Field
	Seismology of person specialized in the field of seismology is called seismologist.
	The device
	used to record the shaking of ground during
	Used to record the Shaking of ground during the earthquotre is called seismograph or
	Seismometer.
(5.7)	Seismic Waves
<u> </u>	The woves redigiting by the earth due to
	Corthquake are called seismic wave.
	LOWER THE STREET
	Types of seismic waves.
d -	- Internal cuave
	Surface wave
-	Talan
	Internal wave
	interior of the court in in the
	interior of the earth is called internal wave
	wave.
	Thorse are then
	There are two types of Internal wave  P-waves (Primary waves)  S-waves (Coundary waves)
	C-Waves (Cocondon Waves)
	S-waves (secondary waves)



- Q. P-Waves: The seismic waves hitting the ground
  first and foremost during conthquake are colled
  P-Waves. They are the fastest of all seismic waves.

  —> When an earthquake occurs, this waves is

  the first wave to arrive the touth surface to

  they are called primary waves
- So waves: The Seismic waves reaching the earth

  Surface after the primary waves are called studyes.

  These waves are the Second fastest seismic waves and the second type to be detected once an earthquake has occurred so they are called secondary waves.
- THE CON FRANCE THROUgh Solid and liquid

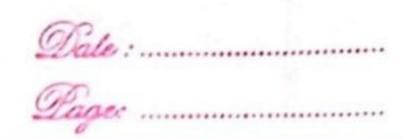
- It can trover through only to solid

Surface waves

The Seismic wave traveling through only the

corthis surface is called surface wave. They are

Sloven than body waves, travelling to 2 to 3 km/sec



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