



Do not
write
anything
in this
margin

Registration No.

1512797

VISIONIAS

Classroom Assignment Sheet

Assignment Code

62919

Name: NAGENDRA SINGH RAJPUT

Subject: Geography Batch: R.R.D. Submission Date: Marks:

5

10

Please mention Reg. No. and Assignment code of respective class. Use single assignment sheet (i.e. 2 pages) for 1 question. Limit your answers to 150 – 170 words.

What are Tsunamis? Explain the mechanism of the formation of a Tsunami and Highlight the characteristics of a Tsunami wave?

Tsunami is a Japanese word which means harbour wave. These waves are different from normal sea waves by their origin and nature of propagation.

Tsunami wave can be formed due to various reasons. Such as.

A Natural Causes

- ① Earthquake on sea floor
- ② Under water volcanic eruption.
- ③ Collapse of underwater landform
- ④ Meteoric Impact.

B Anthropogenic

- ① Under water Nuclear explosion.
- ② Explosion of lost Military weapons

Do not
write
anything
in this
margin

You have
introduced
nicely

Well
explained

Underline
heading as
it will
increase
visibility in
your
answer

In such
questions
try to use
flowchart in
your answer
as it will
increase
visibility and
give extra
edge to your
answer

Do not
write
anything
in this
margin

VISIONIAS

CLASSROOM ASSIGNMENT SHEET

Do not
write
anything
in this
margin

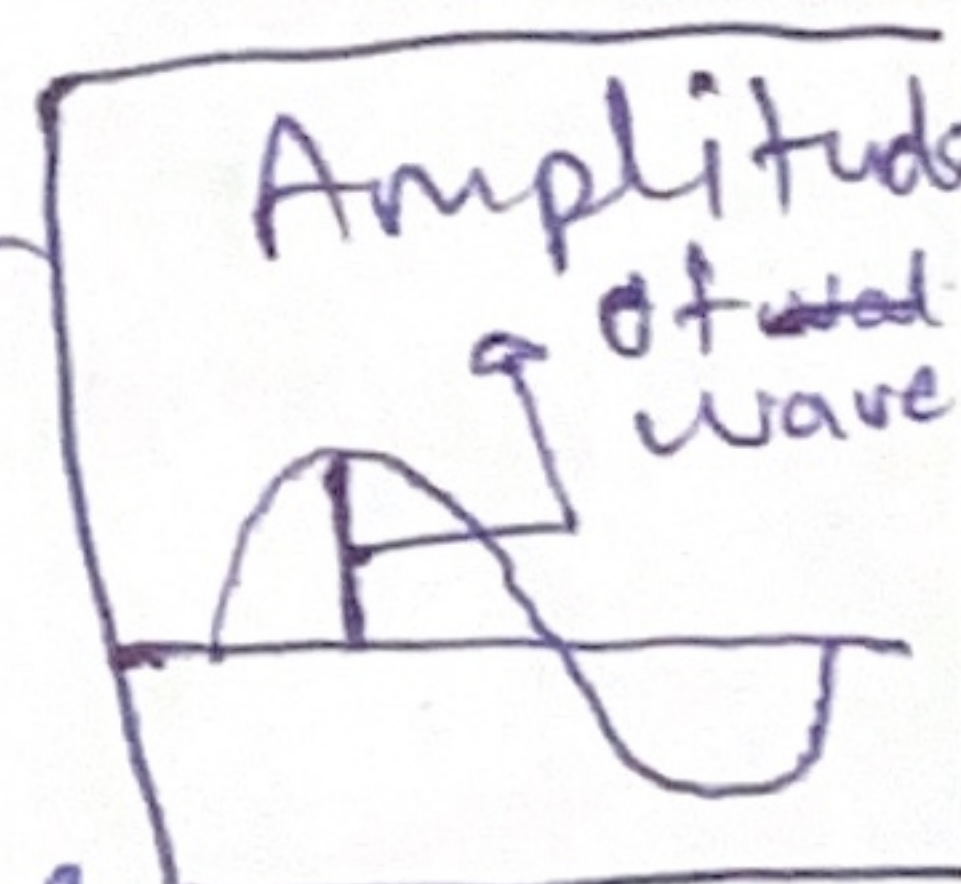
Tsunami waves show different characteristic at different stages such as

① Generation \Rightarrow It is the ~~first~~ direct effect of any of the previous cause.

② Propagation in deep water

① High velocity of travel

② Small amplitude of wave

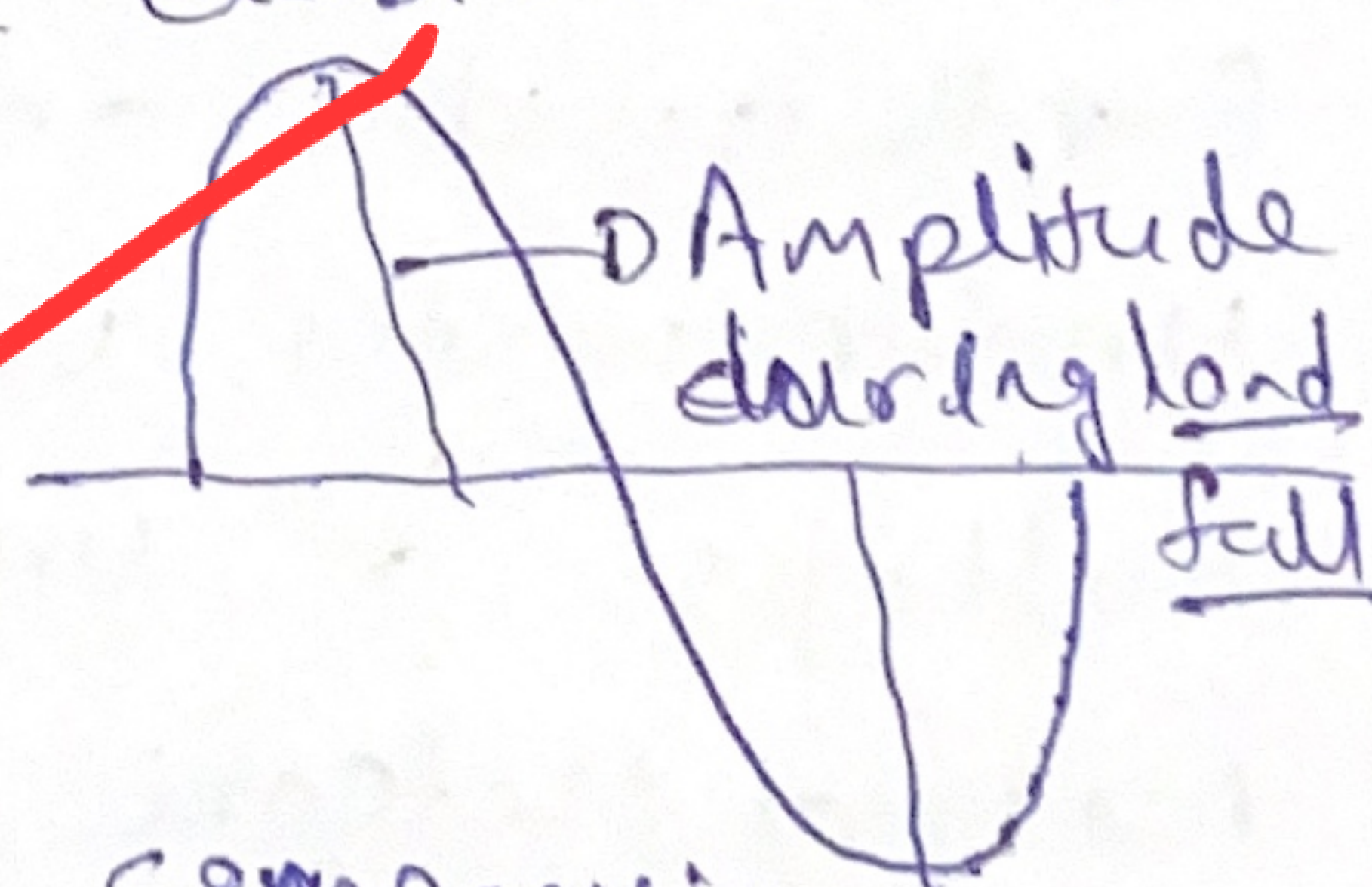
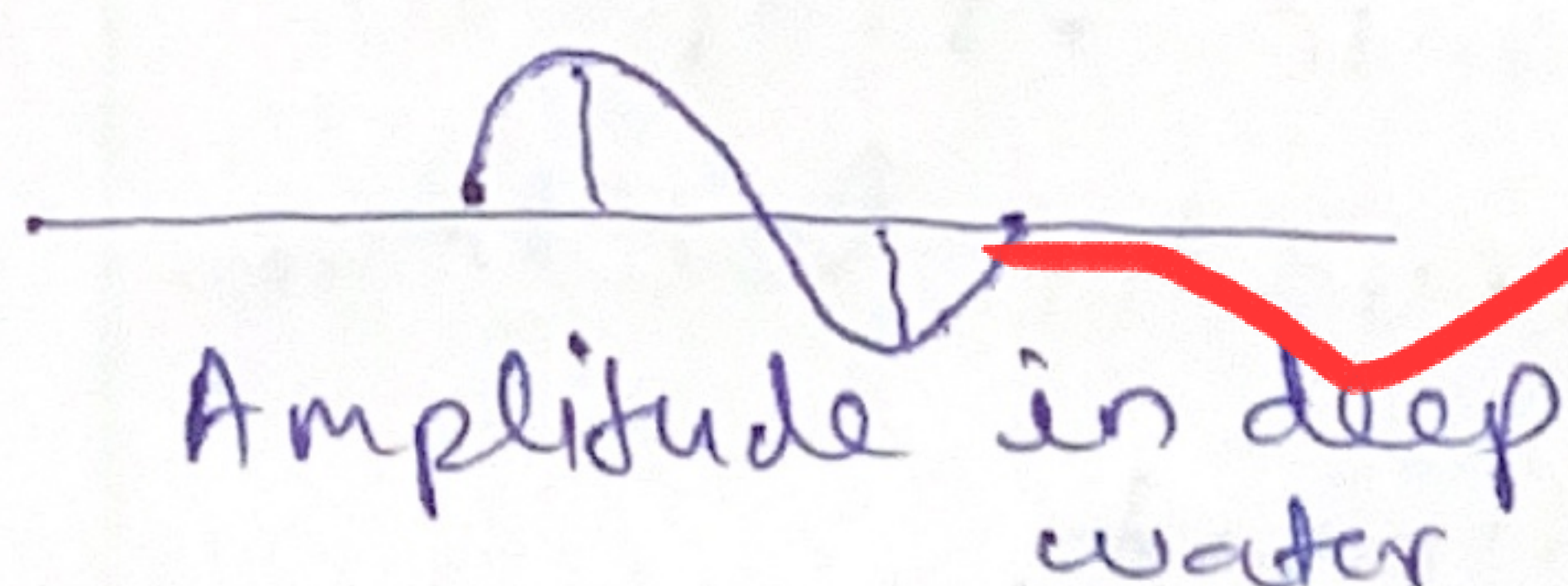


③ Propagation in shallow water

① speed of wave starts decreasing

② Amplitude started increasing

④ Land fall \Rightarrow Amplitude became Maximum like huge water wall and cause huge destruction.



Amplitude comparison

It is one of the most disastrous event. ~~Even after~~ despite of advance technologies they can't be ~~detected~~ detected in early stages because of their nature. It is the night mare for countries like Japan, Indonesia etc:-

Very well
written
with good
content

Nicely
covered all
aspects
with good
diagram

You have
good
contextual
awareness

Keep it up

Overall you
have written
a good
answer with
good
content and
diversified
points
covering all
aspects
with multi
dimensional
approach

Keep it up

Good
attempt

You have
concluded
appropriately