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Registration No.

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VISIONIAS

Classroom Assignment Sheet

Assignment Code

6 2 4 5 3

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Name: N A G E N D R S I N G H R A J P U T

Subject: Geography Batch: 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 the types of plate boundaries?
Explain Convergent plate boundary?

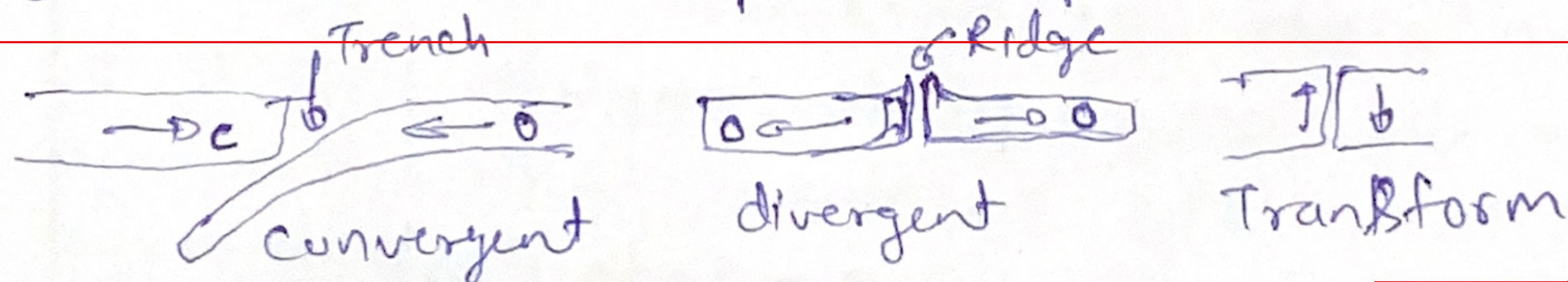
Plate boundary is a region where two plates interact with each other and give rise to the formation of various physical features. Ex:- Ridge formation, Mountains etc:-

good introduction

There are 3 different types of plate boundaries.

- ① Convergent or destructive plate boundary
- ② Divergent plate boundary or Constructive
- ③ Transform or parallel plate boundary.

good points with
relevant diagram

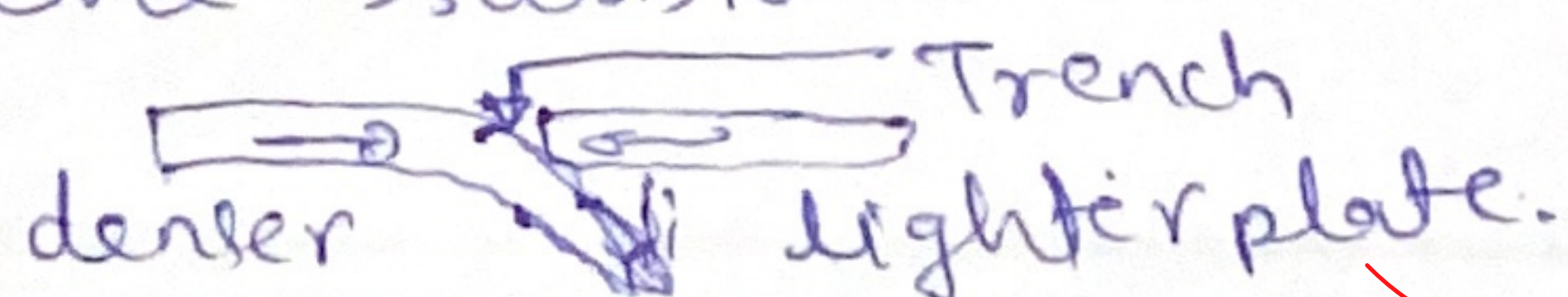


Convergent plate boundary → When two plates move towards each other then the boundary is known as convergent plate boundary.

Types of convergent plate boundary

- ① Ocean-ocean convergence

When two ocean plate converge and one subside under the another



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Key features

- ① Volcanic eruption due to partial melting of ~~the~~ subsiding plate
- ② Trench formation Ex:- Marian Trench
- ③ Ocean - continent convergence

Continent

ocean

ocean plate subsides
as it is denser

Key features

Fold mountains Ex:- Andes, Alps, Rocky

Volcano formation → Volcanoes in Rocky

Ex:- Pacific plate - North American plate

③ Continent - Continent convergence

It starts with convergence of ocean-ocean plate or continent-ocean plate when the ocean plate completely undergoes subduction the continent-continent convergence begins. Ex:- Eurasian - Indo Australian plate

Key features

very high fold mountains Ex Himalayas.

No subsidence of any continental plate

Plate movement is explained by plate tectonic theory given by Mackenzie and Parker.

overall good coverage
of points

apt conclusion