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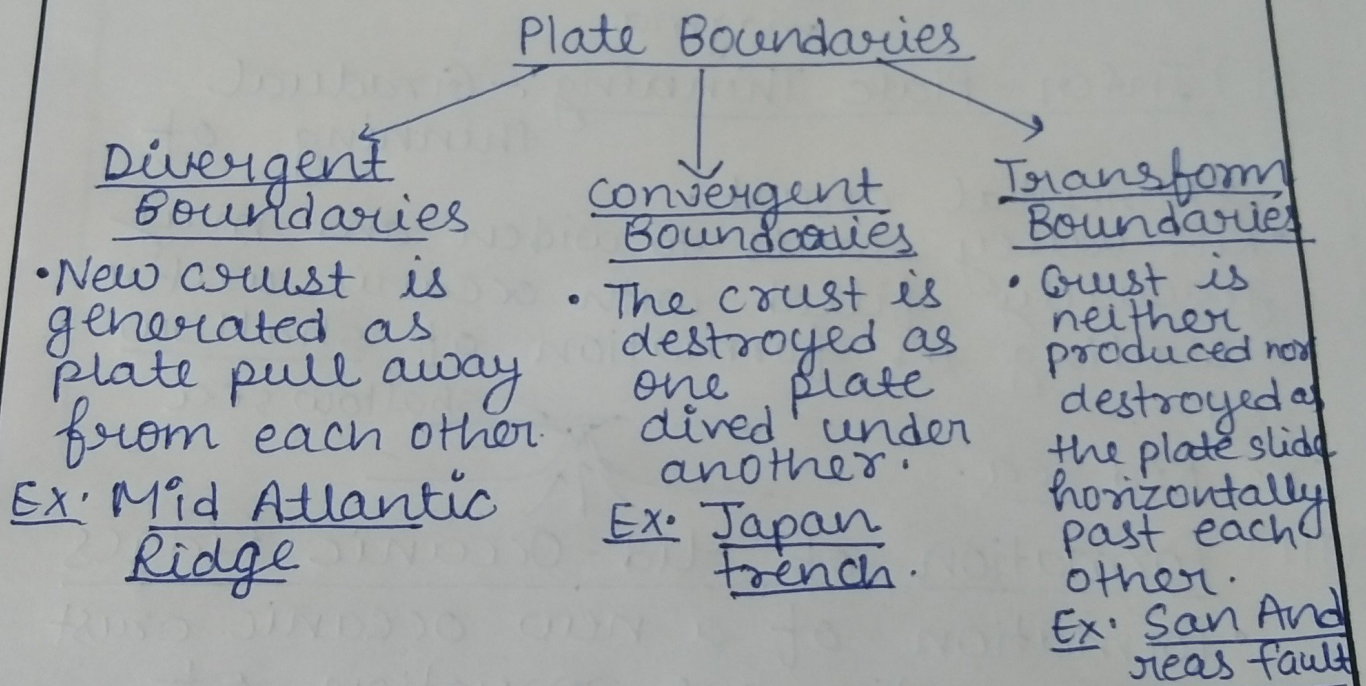
Subject: Geography Batch: RB-1.0 Submission Date: 29/06/23 Marks:

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 different types of plate boundaries? Explain the divergent plate boundary movements.

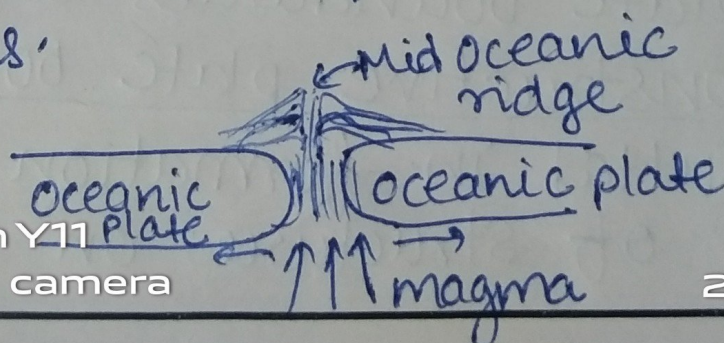
A plate boundary is a zone of motion between two plates.

Types Of Plate Boundaries :-



Divergent Plate Boundary Movements :-

1) Ocean - Ocean Movements:- It is the plate margin where lithosphere splits, and move apart in opposite directions.





# VISIONIAS

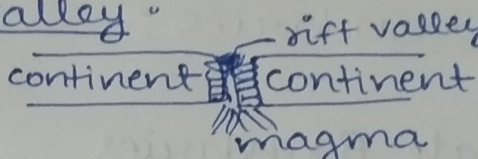
## CLASSROOM ASSIGNMENT SHEET

- Hot magma comes up through the cracks and solidify to form new oceanic crust
- The continuous build up of solid magma results in formation of mid-oceanic sidge.

### 2.) Continent-Continent :-

- i) Intra-continental rifting :- The upward movement of magma causes fragmentation of continents through creation of faults and cracks.

• Such a series of fault is called sift valley.  
Ex. East Africa rift valley

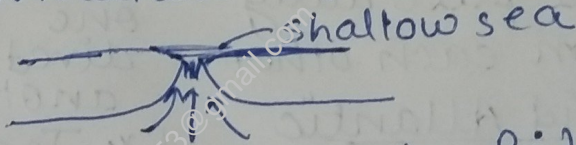


continent rift valley continent magma

- (ii) Inter-Plate Thinning :- Gradual thinning of continental crust.

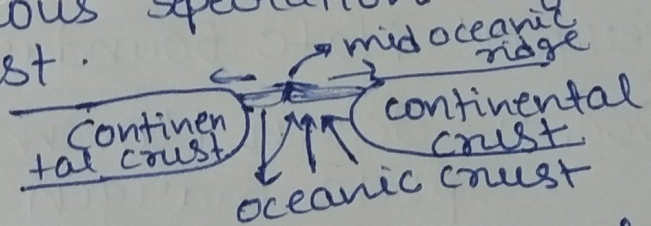
• Rift valley starts to widen and may gradually filled with oceanic water resulting in formation of shallow sea.

Ex. Red Sea.



- (iii) Formation of Mid-Oceanic Ridges

• formation of a new oceanic crust due to continuous separation of continental crust.



Divergent plate boundaries are also called "constructive plate boundaries" bec. they resulted in formation of different type of structures on Earth.

