

River System Notes

Characteristics of Upper course → Flows with high

velocity V shaped valley, vertical erosion domin

ates waterfalls, rapids, gorges etc.

Middle course → Flows with moderate velocity

vertical, lateral erosion. Plenty of streams, meanders

alluvial fans etc.

Lower Course → Flows with low velocity,

lateral erosion dominates and wide channels

Extensive flood plains, braided channels, levees,

oxbow lakes, meanders,

Waterfalls when the river tumbles at

a steep angle over very hard rock

Distributaries → When the river approaches the sea the river begins to breakdown into different distributaries

Estuary

- i) The sharp edged mouth of rivers devoid of any deposits
- ii) Regions of high tides & rift valleys witness estuaries
- iii) Estuaries don't have fertile lands
- iv) Nonmod & Tropic form estuaries
- v) Source
- vi) Plains

approaches

breakdown

id of any

witness estimates

1) UC

2) LC

3) LC

4) ~~MC~~ UC

5) MC

6) MC

7) LC

8) LC

9) LC

