

Landforms & Their Evolution

- A landform is a small to medium-sized part of Earth's surface; related landforms form a landscape.
- Major geomorphic agents are running water, groundwater, glaciers, waves and wind.
- Running water forms valleys, potholes, plunge pools, river terraces, alluvial fans, deltas, flood plains, meanders and oxbow lakes.
- V-shaped valleys, gorges and canyons are river erosional landforms.
- Oxbow lakes form when meander loops are cut off from the main river.
- Karst topography develops in limestone, dolomite or gypsum regions.
- Sinkholes, dolines, uvalas, lapies, limestone pavements and caves are karst erosional landforms.
- Stalactites hang from cave roofs; stalagmites rise from cave floors; both join to form pillars.
- Cirque, glacial trough, hanging valley, arete, horn and fjord are glacial erosional landforms.
- Outwash plains, eskers, drumlins and moraines are glacial depositional landforms.






- Sea cliffs, wave-cut platforms, caves, arches, stacks, stumps, sea terraces, geos and ghoups are wave erosional landforms.
- Beaches, bars, barrier bars, spits and lagoons are wave depositional landforms.
- Deflation hollows, mushroom rocks, yardangs and inselbergs are wind erosional landforms.
- Ripples, loess and dunes are wind depositional landforms.
- Barchans are crescent-shaped dunes with horns pointing downwind.
- Loess is wind-blown silt deposit mainly composed of quartz.




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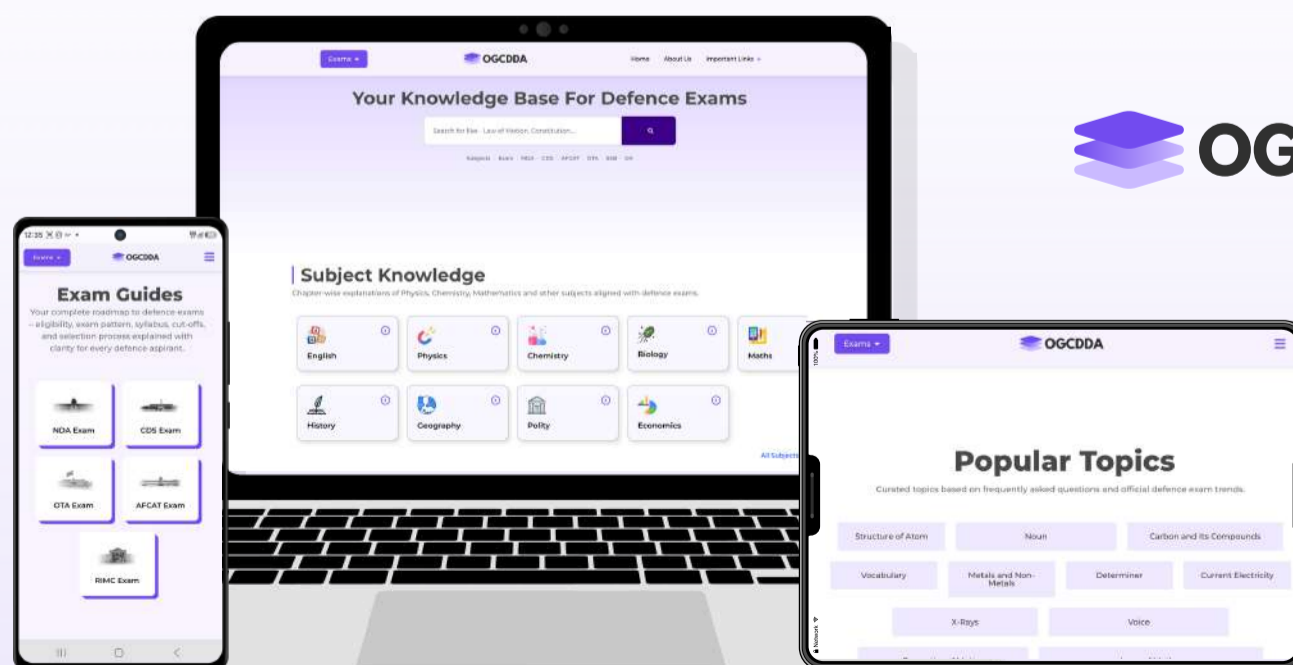
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