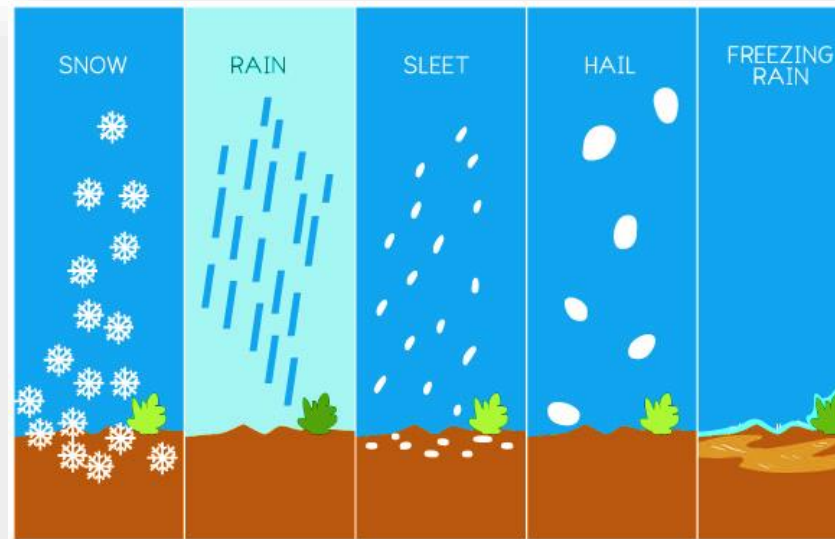


# Geomorphology MCQ's

## PART - 1

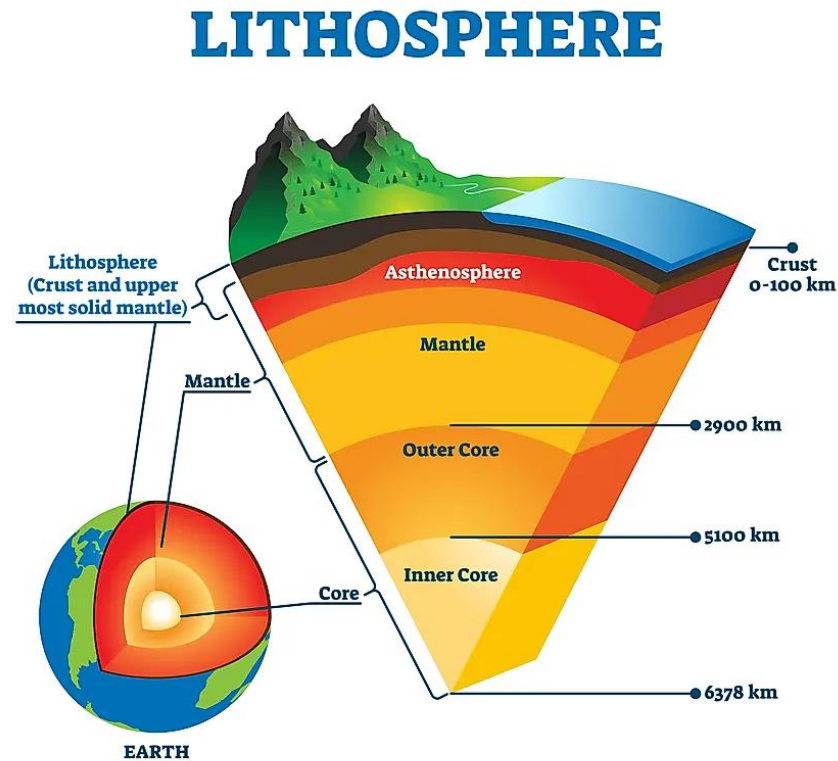


# Which One Of The Following Describes The Lithosphere

- A. Upper And Lower Mantle
- B. Crust And Upper Mantle
- C. Crust And Core
- D. Mantle And Core

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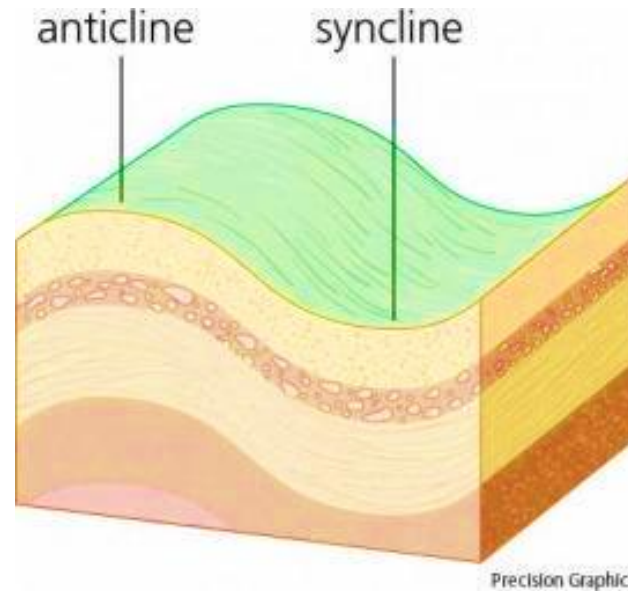


# An Up Fold In Rock Is

- A. Graben
- B. Horse
- C. Anticline
- D. Syncline

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# What Is Correct Sequence From Smallest To Largest Grain Of Following Types Of Clastic Rocks





- A. Shale, Sandstone, Conglomerate, Siltstone
- B. Shale, Siltstone, Sandstone, Conglomerate
- C. Conglomerate, Sandstone, Shale, Siltstone
- D. Sandstone, Siltstone, Conglomerate, Shale

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- B. Shale, Siltstone, Sandstone, Conglomerate**
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- D. Sandstone, Siltstone, Conglomerate, Shale

# *From smallest to largest*

**Table 2 Sediment Sizes and Detrital Rocks**

Sediment	Clay	Silt	Sand	Gravel
Size Range	<0.004 mm	0.004–0.063 mm	0.063–2 mm	>2 mm
Example	Shale 	Siltstone 	Sandstone 	Conglomerate (shown) or Breccia 

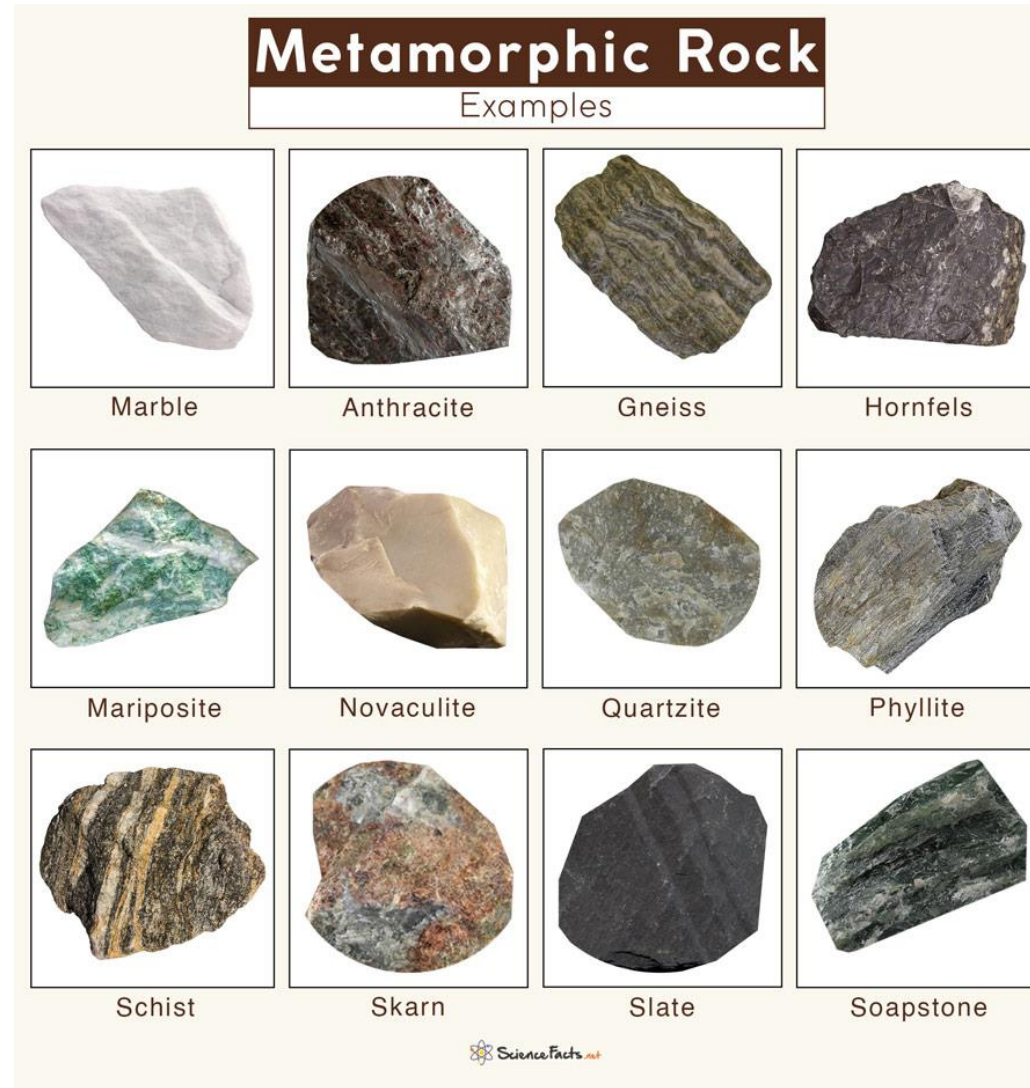


# Quartzite Is Metamorphosed From

- A. Limestone
- B. Plutonic Rock
- C. Sandstone
- D. Shale

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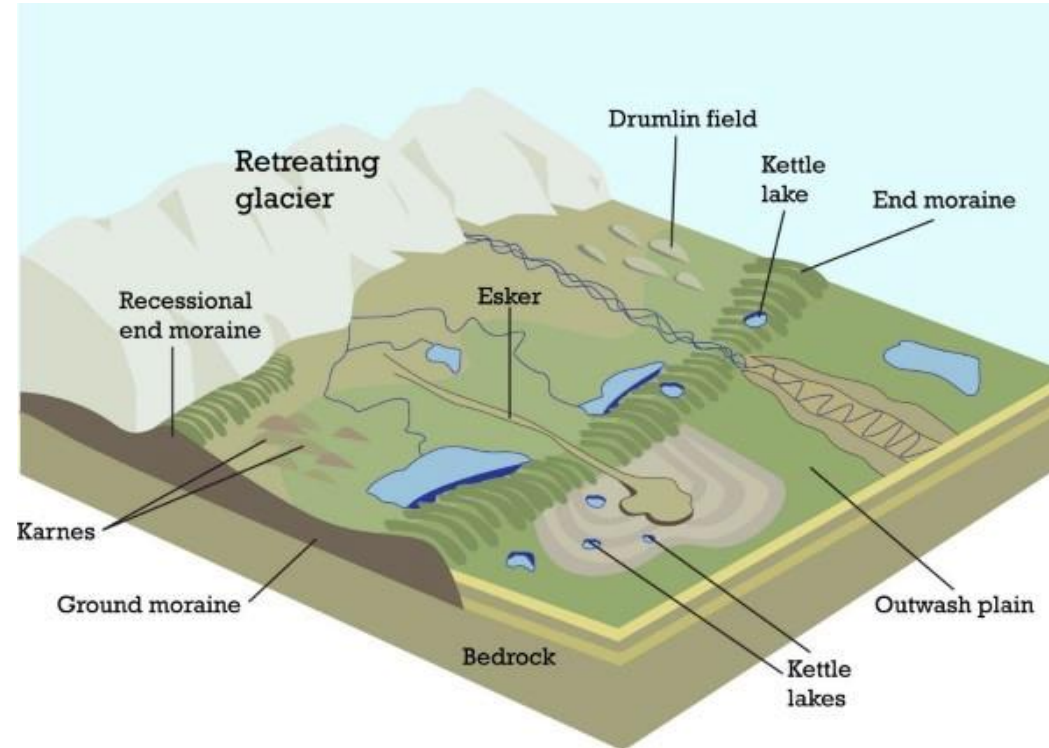


# 'Esker' Is A Geomorphic Feature Developed By

- A. Mechanical Weathering
- B. River Action
- C. Glaciofluvial Deposits
- D. Aeolian Deposits

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# Which One Of Following Is Longest Mountain Range

- A. The Rocky
- B. The Alps
- C. The Himalayas
- D. The Andes

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# Which Indian National Park Is Famous For Rhinoceros Population

- A. Kaziranga
- B. Jim Corbett
- C. Ranthambor
- D. Bannerghatta

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# The Unconsolidated Rock Material Deposited By Surface Wash At The Base Of A Cliff Is Called

- A. Alluvium
- B. Colluvium
- C. Moraines
- D. Silt

# The Unconsolidated Rock Material Deposited By Surface Wash At The Base Of A Cliff Is Called

- A. Alluvium      Colluvium Is A General Name For Loose, Unconsolidated Sediments That Have Been Deposited At The Base Of The Hill Slopes By Either Rain Wash, Sheet Wash, Slow Continuous Down Slope Creep, Or A Variable Combination Of These Processes.
- B. Colluvium**
- C. Moraines
- D. Silt

# Which One Of Following Mountains Is Formed Due To Convergence Of One Oceanic And One Continental Plate

- A. Urals
- B. Alps
- C. Andes
- D. Appalachians

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# Which One Of Following Is Not An Old Folded Mountain

- A. Ural Mountain
- B. Aravalli Mountain
- C. Andes Mountain
- D. Appalachian Mountain

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**Statement I: Volcanic Eruption Is Accompanied By Earthquakes.**

**Statement II: Volcanoes Erupt Water Vapours & Dust Particles In Atmosphere.**

- A. Both Statements Are True And Statement II Is Correct Explanation Of Statement I.
- B. Both Statements Are True But Statement II Is Not Correct Explanation Of Statement I.
- C. Statement I Is True But Statement II Is False.
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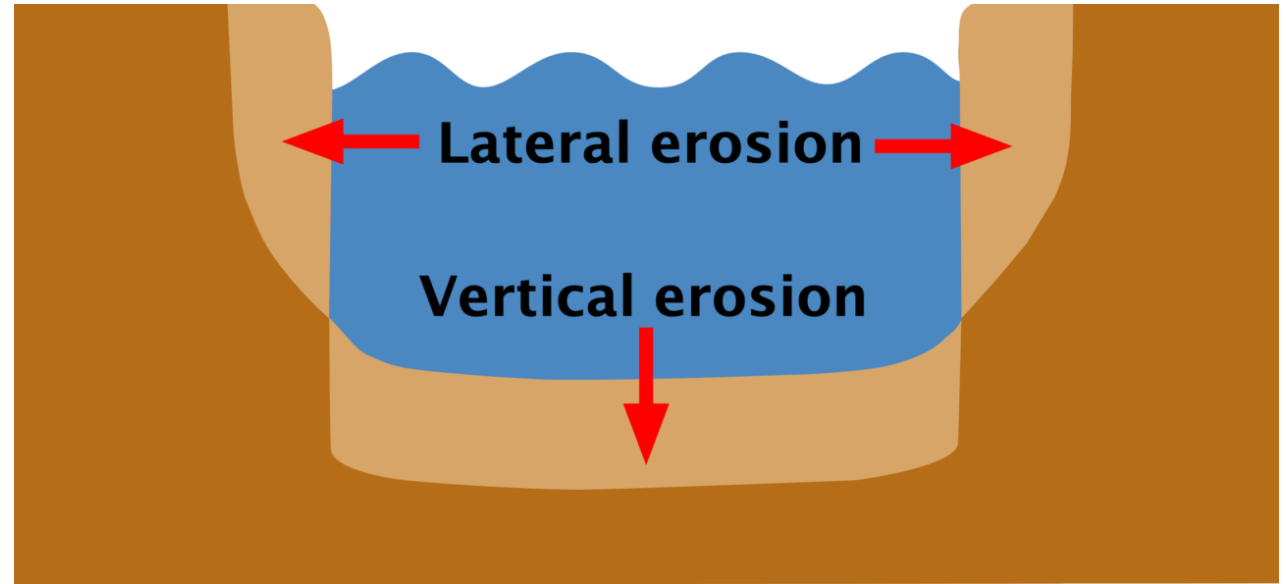


# The Sideways Erosion Which Widens River Valley Called

- A. Lateral Corrosion
- B. Vertical Corrosion
- C. Side Corrosion
- D. Mean Corrosion

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# The Highest Salinity Is Found In Which Of Following Lakes

- A. Van Lake
- B. Dead sea
- C. Balkash lake
- D. Baikal lake

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# Which Of Following Forms Of The Land Is Not A Result Of 'Faulting

- A. Rift Valley
- B. Ramp Valley
- C. Horst
- D. Chevron

# Which Of Following Forms Of The Land Is Not A Result Of 'Faulting

A. Rift Valley

B. Ramp Valley

Chevron Is An Angular Fold With Straight Limb And Small Hinges

C. Horst

**D. Chevron**

# 90° E Ridge Lies In

- A. Atlantic ocean
- B. Indian ocean
- C. Pacific ocean
- D. Mediterranean sea

# 90° E Ridge Lies In

A. Atlantic ocean

**B. Indian ocean**

C. Pacific ocean

D. Mediterranean sea



# Why Is Hydrolysis An Effective Form Of Chemical Decomposition Of Bedrock In Humid Tropics?

1. Humid Tropics Experience High Temperature And Humidity.
2. There Is High Diurnal Range In Temperature

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

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# Which One Among Following Is Not An Igneous Rock

- A. Granite
- B. Basalt
- C. Gabbro
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# Vindhyan System Of Rocks Is Important For The Production Of

- A. Precious Stones And Building Materials
- B. Iron Ore And Manganese
- C. Bauxite And Mica
- D. Copper And Uranium

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# The Second Highest Peak Of The World Located In Himalayas Is

- A. Nandadevi
- B. Dhaulagiri
- C. Karnet
- D. K2

# The Second Highest Peak Of The World Located In Himalayas Is

- A. Nandadevi
  - B. Dhaulagiri
  - C. Karnet
  - D. K2**
- Mount Everest Is The Highest Peak Of The Himalaya And Is The World's Highest Peak With An Elevation Of 29,035 Feet (8,850 Meters). K2 Is The Second Highest Peak Of The Himalayan Mountain Range And Also The Second Highest Peak On Earth With An Elevation Of 28,251 Feet (8,611 Meters). Other Famous Peaks Include Kailash, Kanchenjunga, Nanga Parbat, Annapurna, And Manasklu. The Himalayas Includes More Than 110 Peaks Rising To Elevations Of 24,000 Feet (7,300 Meters) Or More Above Sea Level.



# Sierra Nevada Mountains Are Situated In

- A. Alaska
- B. California
- C. Texas
- D. Manitoba

# Sierra Nevada Mountains Are Situated In

- A. Alaska
- B. California**
- C. Texas
- D. Manitoba

# The Black Mountains Are Located In

- A. Canada
- B. Norway
- C. Switzerland
- D. U.S.A.

# The Black Mountains Are Located In

- A. Canada
- B. Norway
- C. Switzerland
- D. U.S.A.**

## Which Of The Following Are True With Respect To Sedimentary Rocks?

1. The Rocks Are Deposited In Layers
2. At Times The Particles Of Rock Are Wholly Organic In Nature
3. The Rocks Are Not Crystalline
4. Their Structure Is Determined By Great Pressure Or Heat

Choose The Correct Answer From The Codes Given Below:

- A. 1 And 4
- B. 1, 2 And 3
- C. 1 And 2
- D. 2 And 3

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# Which One Of Following Is Known As 'Sea Of Mountains'

- A. West Coast of South America
- B. Japan
- C. South-East Asia
- D. British Columbia

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# Earthquakes Are Caused By

- A. Earth Revolution
- B. Denudation
- C. Earth Rotation
- D. Tectonism

# Earthquakes Are Caused By

- A. Earth Revolution
  - B. Denudation
  - C. Earth Rotation
  - D. Tectonism**
- Earthquakes Result From The Sudden Release Of Energy In The Earth's Crust That Creates Seismic Waves. Most Occur Along Plate Boundaries. Tectonic Earthquakes Occur Anywhere In The Earth Where There Is Sufficient Stored Elastic Strain Energy To Drive Fracture Propagation Along A Fault Plane.

## Consider The Following Geological Phenomena :

1. Development Of A Fault
2. Movement Along A Fault
3. Impact Produced By A Volcanic Eruption
4. Folding Of Rocks

Which Of The Above Causes Earthquakes ?

- A. I, III And IV
- B. I, II And III
- C. I To IV
- D. II And IV

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1. Development Of A Fault
2. Movement Along A Fault
3. Impact Produced By A Volcanic Eruption
4. Folding Of Rocks

Which Of The Above Causes Earthquakes ?

- A. I, III And IV      Earthquakes Are Caused By Faulting, A Sudden Lateral Or Vertical Movement Of Rock Along A Rupture (Break) Surface.
- B. I, II And III**      Earthquakes Often Occur In Volcanic Regions And Are Caused There, Both By Tectonic Faults And The Movement Of Magma In Volcanoes. Such Earthquakes Can Serve As An Early Warning Of Volcanic Eruptions, As During The Mount St. Helens Eruption Of 1980.
- C. I To IV
- D. II And IV

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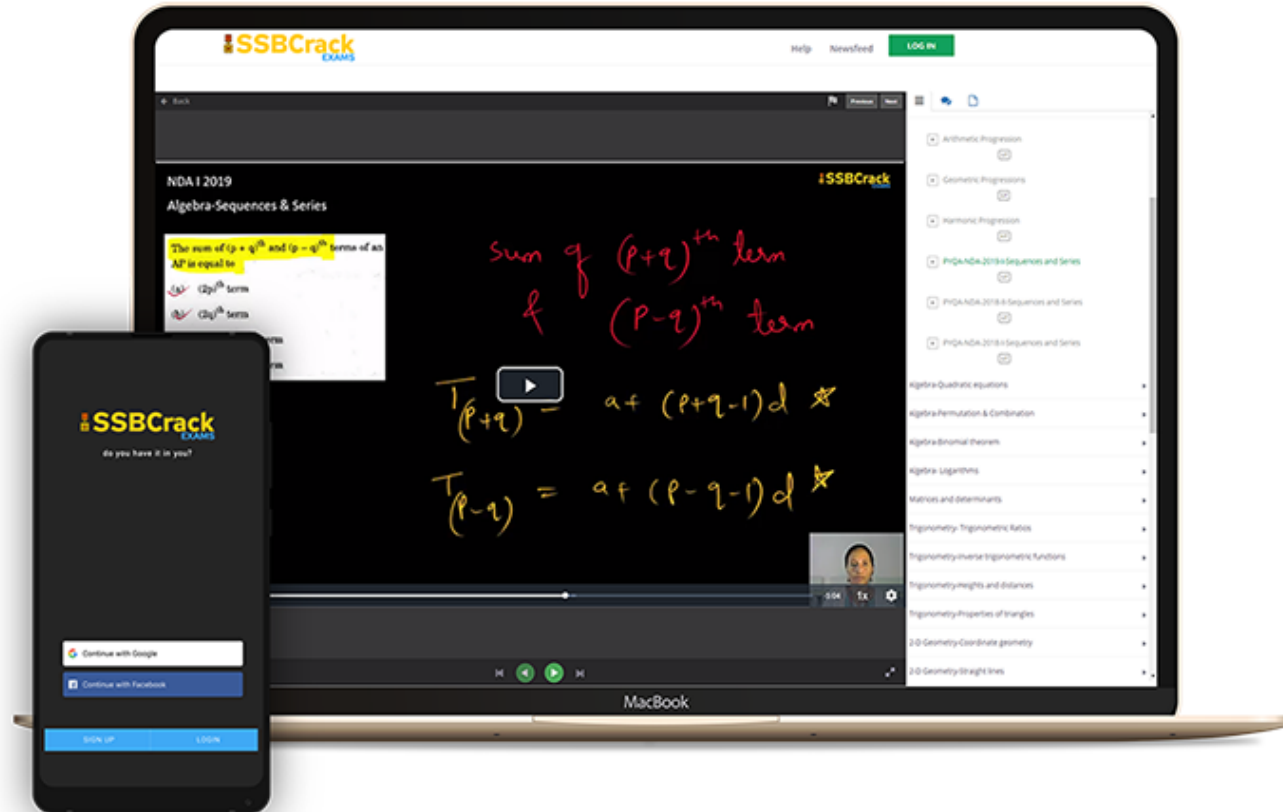
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