

GEOGRAPHY MAPPING:

- Two types of questions (current affairs related and not related to current affairs).
- PYQ discussed (Namcha Barwa, Nanda Devi, Nokrek, lake victoria, and lake volta).
- **Areas from which questions have been asked: (01:23 PM)**
- Political borders and coasts.
- State borders and locations.
- The region in news- national and international.
- International groupings.
- Mountains, peaks, volcanoes.
- Glaciers.
- Rivers and water bodies.
- Reservoirs.
- National park and wildlife.
- World/India- political, physical, and economic.

WORLD MAP (01:39 PM)

- **Pacific Ocean**- the largest and deepest ocean.
- Many trenches are found here like the Mariana Trench.
- Trenches are the zone of volcanic eruptions and earthquakes).
- Pacific Ring of Fire.
- Bering Strait connects the Pacific Ocean with the Arctic Ocean, and it separates Russia and USA.
- The Drake Passage connects the Pacific Ocean and the Atlantic Ocean.
- Archipelago of Indonesia separates the Indian Ocean from the Pacific Ocean.
- Mariana trench has the Challenger Deep (depth of nearly 11 km).
- **Atlantic Ocean (01:58 PM)**
- Roughly S-shaped.
- Youngest of all the oceans.
- The mid-Atlantic ridge is the longest mountain chain on the surface of the earth.
- Iceland is part of the Mid-Atlantic ridge above the water.
- **Indian Ocean (02:02 PM)**
- Only the ocean is named after a nation.

- **Arctic Ocean:**

- Is the smallest ocean.
- No continent or land below the arctic ocean like Antarctica.
- Arctic amplification.
- Arctic Council- only for those nations located in that area with a total of 8 members.
- 8 members (USA, Canada, Denmark, Iceland, Norway, Sweden, Finland, Russia (longest coastline)).
- India and China are observers.

- **Southern Ocean (02:16 PM)**

- Till 2000, there were only 4 oceans.
- International Hydrographic Organization (IHO) 2000 proposed the 5th ocean, i.e. the Southern Ocean.

CONTINENTS (02:22 PM)

- Asia- Africa- North America- South America- Antarctica- Europe- Oceania.

- **Asia:**

- Western side Europe landmass present.
- Land boundaries- Ural mountains separate Asia from Europe.
- Caucasus Mountain also separates Asia from Europe.
- The Sinai Peninsula in Egypt.
- New Guinea Island (Papua New Guinea and Indonesia).
- Water bodies around Asia:
 - In the north- the Arctic Ocean, Caspian Sea, Black Sea, Mediterranean Sea, Red Sea, Gulf of Aden, and Arabian Sea (Gulf of Oman and Gulf of Persia).
 - Sea of Japan (East Sea), Bering Sea.
- Highest point- Mt. Everest is part of the great Himalayas.
- The lowest point is- dead Sea in the rift valley.

- **Europe (03:07 PM)**

- The Strait of Gibraltar separates Spain and the UK in the north and Morocco and Spain in the south.
- Huge rock of Gibraltar.
- North Sea (Brent crude petroleum is the best quality crude oil), Norwegian Sea, Baltic Sea
- Important land features- Caucasus Mountain, Alps (young fold mountains).
- The highest point in Europe is Caucasus Mountain (Mt Elbrus).
- The lowest point is the Caspian Sea.

- **Africa (03:19 PM)**

- Strait of Gibraltar.
- Water bodies- Gulf of Guinea.
- The Sahara desert is present in Africa (the world's largest desert).
- Atlas Mountains in North Western corner of Africa.
- East African Rift Valley.
- Highest point- Mt Kilimanjaro in Tanzania.
- Lowest point- Lake Assal in Djibouti.
- The longest river in the world- the Nile River.
- Also called Dark Continent (less explored).

- **Americas (03:28 PM)**

- **North America:**

- Explorer-Columbus, Amerigo Vespucci.
- The westernmost part of Alaska.
- The easternmost part of Greenland.
- The southernmost part is Panama.
- Landform- Rocky Mountain (Young Fold mountain), Appalachian mountains in the eastern part, Great plains (Prairies of N.America).
- Alaska has the highest point- Mt. McKinley or Denali.
- Lowest point- death valley (highest recorded temperature).

- **Central America:**

- Part of North America only.
- Latin America (except USA and Canada all American countries come under Latin America).
- Napoleon made Latin more popular.
- Water bodies- Gulf of Mexico, Gulf of California, Hudson Bay (Canada).

- **South America:**

- Connected to N. America by Panama.
- Caribbean Sea in the north.
- Andes Mountains.
- The highest point is Mount Aconcagua in the Andes.
- The lowest point is the Valdes peninsula.
- Huge basin covered by the large river- Amazon basin.
- Amazon is the largest river in the world.
- Amazon second longest river in the world.
- Guiana highland-huge tablelands.
- Orinoco River (angel falls).

- **Oceania (03:57 PM)**

- Micronesia+ Polynesia+ Melanesia and Australia.
- Micronesia (Caroline Island, Marshal Island, etc).
- Melanesia (New Guinea, Fiji, Solomon Island, etc).
- Melanesia (Hawaii, Tonga, Easter Island, etc).
- Zealandia- the entire landmass below the water.
- Highest point- Mt. Wilhelm (Papua New Guinea).
- Lowest point- lake Eyre.

- **Antarctica:**

- It is the coldest, windiest, and driest continent.
- Russia was the first country to reach Antarctica.
- Opposite to Arctic- Antarctica meaning.
- Earlier it was called Terra Australia Incognita.
- Highest point-Vinson Massif.
- Antarctic Treaty System- banned all activities except peaceful experiments.
- India is part of it.

NEXT CLASS TOPIC: India, and Political Mapping of the World.