

Class 6
Geography
Topic - Water bodies (oceans and seas)

Synopsis

- **Hydrosphere** : The part of the Earth's surface occupied by water bodies is called **Hydrosphere**.
- An **Ocean** is a huge body of saltwater. Oceans can cover nearly 71% of the **Earth** surface.
- They contain almost **98%** of all the water on the earth.

- **There are five main oceans :**
- **The Pacific Ocean** : It is the largest ocean on the Earth which covers about one third of the earth.
- **The Atlantic Ocean** : It is the busiest ocean of the world.
- **Indian ocean** : It is bounded by land masses on three sides.
- **Arctic Ocean** : It is the smallest ocean of the world and remains covered with ice for most of the Year.
- **The southern Ocean** : it is also referred to as the **Antarctic Ocean, South Pole Ocean** and **Great Southern Ocean**.
- Smaller part of these oceans are called **seas, gulfs and bays**.

- **Ocean Life :**
- **Living things** inhabit all levels of **Earth's** ocean.
- **Sunlight** penetrates the water to only about **600 feet (200 meters)**
- The most numerous ocean plants are called **phytoplankton**.
- The largest ocean animal is the **blue whale**.
- The tiniest animal are a form of plankton called **zooplanktons**.

- **Importance of oceans :**
- Oceans are a great source of food for people around the world.
- They also provide minerals, oil and natural gas.
- Phytoplankton and algae create much of the world's oxygen.
- Ocean currents has a direct impact on the climate of a place.
- Warm currents bring warm weather and rain whereas cold currents tend to cause dry climate.

- **Major seas:**
- A **Sea** is a large body of salt water.
- **Bering sea**
- **Caribbean Sea**
- **The north sea**

- **Black Sea**
- **Caspian Sea**
- **Arabian Sea**
- **Dead sea**
- **Aral sea**

Q1. DEFINE THE FOLLOWING:

- a. sea
- b. ocean
- c. zooplankton

Q2. Fill in the blanks:

- a. The most numerous ocean plants are called.....
- b. The part of the Earth's surface occupied by water bodies is called the.....
- c. is the fourth largest body of inland water in the world.
- d. The sea is not a sea but a saltwater Lake.

Q3. ANSWER THE FOLLOWING QUESTIONS:

- a. why is the Dead Sea so salty?
- b. write any 2 features of the following:
 1. Pacific Ocean
 2. Atlantic Ocean
 3. Red Sea
 4. Aral sea

Q4. Refer to the text book and do the following exercises:

1. Question **A** short answer type question: 1,4,12,14
2. Question **B** long answer type question: 1.