

OCEANOGRAPHY - COURSE MANAGEMENT AND ADVISORY

Oceanography is completely conceptual rather than factual. It has a scientific tinge and it can be understood and remembered if one follows the diagram along with the chapter. Every year Oceanography questions are being asked in upsc and some time it is even clubbed with Climatology questions. Therefore, it is advisable for the candidates to understand the sections of Oceanography along with Climatology wherever it is required (Please see the previous year questions).

The Syllabus as it is

Oceanography: Bottom topography of the Atlantic, Indian and Pacific Oceans; Temperature and salinity of the oceans; Heat and salt budgets, Ocean deposits; Waves, currents and tides; Marine resources: biotic, mineral and energy resources; Coral reefs, coral bleaching; sea-level changes; law of the sea and marine pollution.

What the students Get

- Oceanography: A Brief Introduction by K. Siddhartha
- Modern Dictionary of Geography by K. Siddhartha & S.Mukherjee

Additional material that the students can go for

Absolutely not needed.

Learning Sequencing as it should be in order to understand the topic, and chapter structure

The course sequencing is not per the syllabus. This is done to provide concept to the candidates. If the candidates follow the topic after another as per the syllabus they will never follow the concept. Hence the sequencing and reordering has been done to students benefit so that students are able to connect the dots and connect their concepts.

Online Learning sequence.

1. First read the topics
2. Listen to the explanation
3. Now use the summary
4. You have some model answers. Use only questions from model answers to write
5. Now compare your answers with the model
6. Ensemble will keep you updating on current affairs regularly on this topic
7. Keep an eye on updates.

Oceanography (The syllabus as it should be studied)

Oceanography

SEQUENCING	TOPICS	CHAPTER AND STUDY MATERIAL	STUDIO SHOOT WITH ANIMATIONS	CLASS LECTURE- E-	SYNOPSIS & LECTURE FORMAT	QUESTION BANK	MODEL ANSWERS	CURRENT & ENRICHMENT
1.	Bathymetry of the Ocean Floor	Oceanography: A Brief Introduction 42	Included <input type="checkbox"/>			✓	✓	NA
2.	Ocean Bottom Topography - Atlantic - Indian and - Pacific Oceans	Oceanography: A Brief Introduction 42	Included <input type="checkbox"/>			✓	✓	NA

3.	Heat Budget	Oceanography: A Brief Introduction	Included <input type="checkbox"/>			✓	✓	NA
4.	Temperature of the Oceans	Oceanography: A Brief Introduction 75	Included <input type="checkbox"/>			✓	✓	NA
5.	Salt Budget	Oceanography: A Brief Introduction	Included <input type="checkbox"/>			✓	✓	NA
6.	Salinity of the Oceans	Oceanography: A Brief Introduction 91	Included <input type="checkbox"/>			✓	✓	NA
7.	Ocean Circulation	Oceanography: A Brief Introduction 124	Included <input type="checkbox"/>			✓	✓	NA
8.	Waves	Oceanography: A Brief Introduction 153		Siddharta Sir		✓	✓	NA
9.	Tides	Oceanography: A Brief Introduction 172	Included <input type="checkbox"/>			✓	✓	NA
10.	Sea Level Changes	Oceanography: A Brief Introduction 184	Included <input type="checkbox"/>	Siddharta Sir		✓	✓	NA
11.	Coral Reefs Coral reef origin	Oceanography: A Brief Introduction 250		Siddharta Sir		✓	✓	NA
12.	Coral Bleaching	Oceanography: A Brief Introduction 267		Siddharta Sir		✓	✓	NA

13.	Ocean Deposits	Oceanography: A Brief Introduction 278	Included ☐			✓	✓	NA
14.	Marine Resources Biotic, Mineral, Energy	Oceanography: A Brief Introduction 291	Not required. Only current issues			✓	✓	Will keep on being updated with new developments
15.	Marine Pollution	Oceanography: A Brief Introduction 319	Included ☐				☐	NA
16.	Law of the Sea	Oceanography: A Brief Introduction 326	Not required. Only current issues			✓	✓	Will keep on being updated with new developments

Post Script- General Directions after Course

- Learn how to write answers from your you tube channel and the various answer directives.
- Go through the Question Bank and observe the type of Questions asked.
- Interpretation and understanding of the question is the most important criteria.
- Pick up some questions given in your answer bank and write them on your own.
- Then compare these answers with the answers given to you.

- Repeat this process more than once.
- Then go through the entire answers given to you.
- Now start writing independent answers.
- Special emphasis must be given to drawing correct illustrations. Practice correct illustrations.
- Presentation should be in good legible writing and simple language with:
 - Use of maps, flowcharts and diagrams
 - Use of examples and case studies to support the answer
- Adherence to word limit is advised.
- For answer evaluation you can join the test series and send cam scanned copies to Ensemble.