# Social Science

## Practice Test Paper 4

Understanding Society: India and Beyond

**(Part 2 | Chapter 1: Oceans and Life)**

**Class IX**

Time Allowed: 45 Minutes | Maximum Marks: 25

### General Instructions

1. All 13 questions are compulsory. The paper has four sections: A, B, C and D.
2. Section A - 5 marks; Section B - 8 marks; Section C - 9 marks; Section D - 3 marks.
3. Choose one correct option in Section A. Write clear, relevant answers in Sections B, C and D.
4. Study the diagrams carefully before answering the related questions.

## SECTION A

(5 questions × 1 mark = 5 marks)

**1.** Which institution defines the Blue Economy as sustainable ocean use supporting growth, livelihoods and ecosystem health?

(A) World Bank

(B) India Meteorological Department

(C) GAGAN

(D) Indian Tsunami Early Warning Centre

**2.** The image shows destruction in Chennai after the Indian Ocean tsunami. On which date did this disaster occur?



(A) 26 December 2004

(B) 15 August 2005

(C) 26 January 2001

(D) 2 October 2004

**3.** Which option uses ocean heat rather than the mechanical movement of water?

(A) Wave energy

(B) Tidal energy

(C) Ocean current energy

(D) Ocean Thermal Energy Conversion

**4.** Cyclone Warning Services must monitor the coast:

(A) Only during school hours
(B) Only after a cyclone reaches land
(C) Continuously
(D) Only once each month

**5.** Which item belongs to the group of living marine resources?

(A) Sand
(B) Natural gas
(C) Marine bio-organisms
(D) Gravel

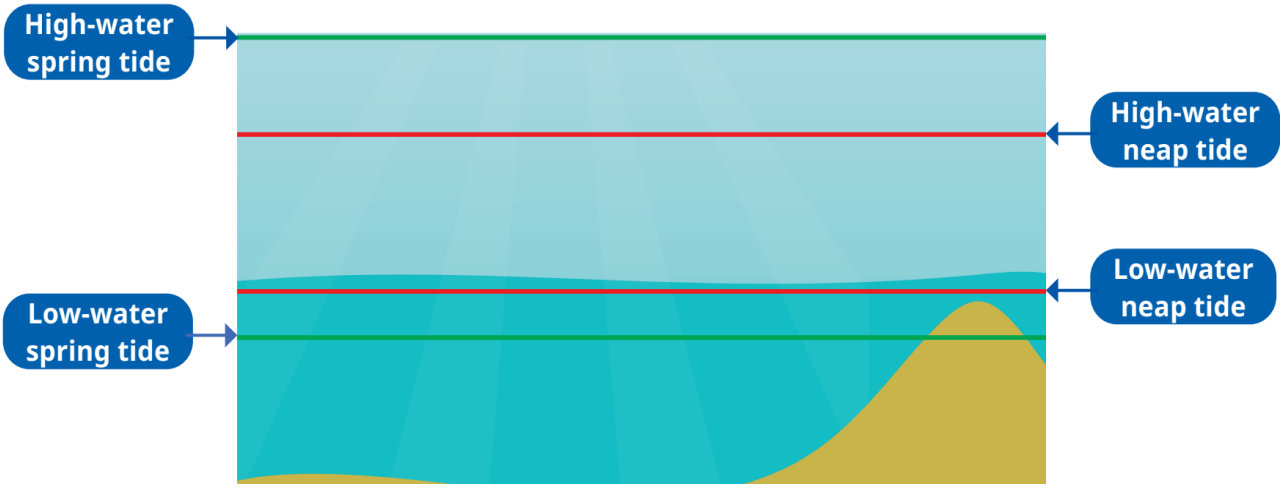
## SECTION B

(4 questions × 2 marks = 8 marks)

**6.** What unit of latitude corresponds to one nautical mile? Why is this connection useful on navigation charts?

**7.** Why can overfishing on the high seas be difficult for one country to control? Give two reasons.

**8.** Compare the high- and low-water levels shown below. Which type of tide has the smaller range? Explain why.




**9.** Why are international maritime rules useful to a ship travelling through the waters of several countries? State two benefits.

## SECTION C

(3 questions × 3 marks = 9 marks)

**10.** Distinguish between waves, tides and currents by describing how the water moves in each case.

**11.** A student says, "Only mainland coasts were affected by the 2004 Indian Ocean tsunami." Correct this statement by naming one affected island region and two affected mainland regions of India.

**12.** A coastal council proposes to ban every economic activity in the sea to protect it. Explain why a plan for sustainable use would better meet the aims of the Blue Economy. Give three reasons.

## SECTION D

(Application Based Question - 3 marks)

**13.** The forecast below shows that sea water driven by a storm may cover part of a coastal settlement. Use it to answer the following questions.




(i) Name the Indian warning system designed to forecast such coastal inundation.

(ii) Which two Indian organisations established this system together?

(iii) How can the forecast help local authorities decide where to act first?