Social Science

Practice Test Paper 3

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 process forms the underwater mountain chain shown below?



(A) River deposition
(B) Volcanic activity
(C) Wind erosion
(D) Glacial movement

2. The rise of sea water towards high tide is also called:

(A) Ebb tide
(B) A cold current
(C) Flood tide
(D) A trough

3. Why are cyclones given names?

(A) To stop their rotation
(B) To make communication and public awareness clearer
(C) To determine the depth of the ocean
(D) To change their direction

4. In the classification of marine resources, SAV stands for:

(A) Sea and Vessel

(B) Satellite Alert Vehicle

(C) Submerged Aquatic Vegetation

(D) Surface Atmospheric Variation

5. Which framework defines maritime zones and helps settle disputes between countries?

(A) UNCLOS (B) GEMINI

(C) NCRMP (D) DSS

SECTION B

(4 questions × 2 marks = 8 marks)

6. Study the coastal scene below and explain two ways in which waves enlarge a crack into a sea cave.



7. Apart from wind and the rotation of the Earth, state two factors that influence ocean currents.

8. A harbour has a tidal range of 5 metres, while the Gulf of Khambhat has a range of about 12 metres. Find the difference. Why should the harbour not use Khambhat's tidal information for docking?

9. A coastal village receives an accurate warning, but residents do not understand it. Explain why the warning may fail to protect them.

SECTION C

(3 questions × 3 marks = 9 marks)

10. A tsunami alert must lead to action on the coast. Explain the separate roles of the Indian Tsunami Early Warning Centre, the central government and state emergency teams.

11. The photograph below shows a fishing community at work. Explain three ways in which fishing supports people and the economy.



12. Explain why the ocean floor cannot be represented accurately as a smooth, level surface. Use three different kinds of relief to support your answer.

SECTION D

(Application Based Question - 3 marks)

13. A wave's highest point takes 8 seconds to travel to the position of the next crest. A student also observes the lowest point between two crests.

(i) What is the lowest point called?

(ii) What is the wave period in this observation?

(iii) What do waves carry across the ocean over long distances?