Social Science

Practice Test Paper 1

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)

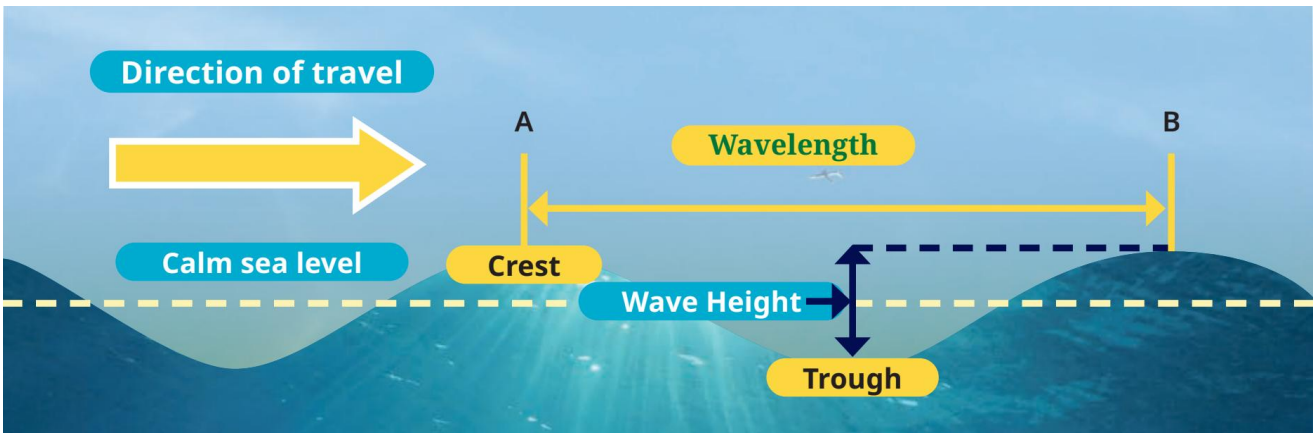
1. Which ocean-floor feature is a shallow, submerged extension of a continent and is rich in marine life, oil and gas?

(A) Ocean trench
(B) Continental shelf
(C) Mid-ocean ridge
(D) Continental slope

2. When the roof of a coastal arch collapses, which feature is left standing?

(A) A beach
(B) A cave
(C) A stump
(D) A stack

3. If the distance between crests A and B increases while the wave height remains unchanged, which quantity increases?



(A) Wavelength
(B) Wave height
(C) Wave period
(D) Wave frequency

4. Because of the Coriolis force, ocean currents in the Northern Hemisphere are deflected towards the:

(A) Left
(B) Equator in every case
(C) Right
(D) Ocean floor

5. Which device helps fishermen receive satellite-based warnings and information through a mobile phone?

(A) Ocean Bottom Pressure Recorder
(B) GEMINI
(C) Tide gauge
(D) Seismometer

SECTION B

(4 questions × 2 marks = 8 marks)

6. Explain how warm and cold ocean currents affect nearby coastal temperatures. Give one named example of each.

7. State the main cause of ordinary ocean waves and the main cause of tsunamis.

8. Observe the positions of the Sun, Earth and Moon in the image. Identify the type of tide produced and explain why its tidal range is larger.



9. Distinguish between living and non-living marine resources. Give one example of each.

SECTION C

(3 questions × 3 marks = 9 marks)

10. Describe any three stages in the functioning of a tsunami early warning system.

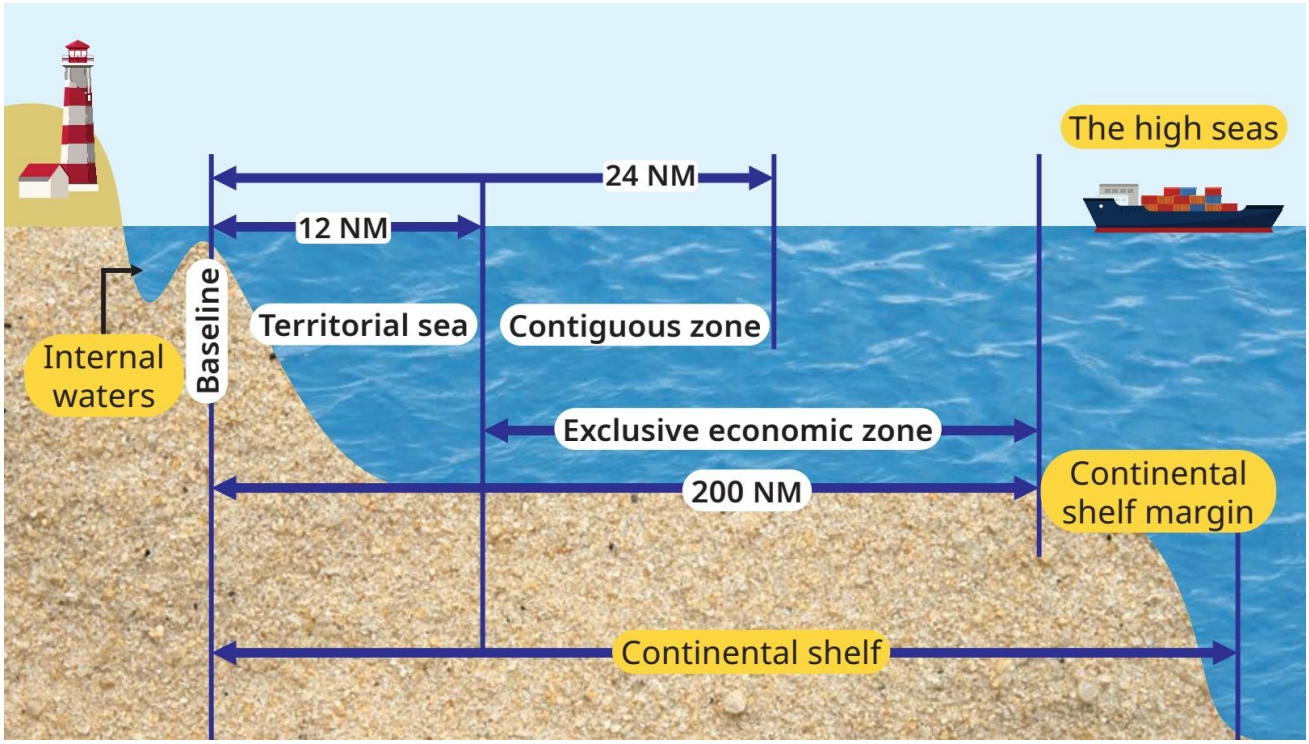
11. What is meant by the Blue Economy? Explain two actions from SDG 14 that can help keep ocean-based livelihoods sustainable.

12. Explain one way in which tides help each of the following: navigation, fishing and energy generation.

SECTION D

(Application Based Question - 3 marks)

13. Study the maritime zones shown in the image and answer the following:



(i) Which principle allows a foreign ship to pass peacefully and continuously through the zone extending up to 12 nautical miles?

(ii) Name one marine resource over which the coastal country has special rights within the zone extending up to 200 nautical miles.

(iii) Why are the waters beyond the EEZs of all countries considered part of the global commons?