

## Coasts Homework 5 answers

1) The end of the spit is marked with an X. Give a 6 figure grid reference for the end of the spit. (1)

991802

2) What is the distance between the end of the spit and Dawlish Warren station at 979786 (4)

1.9-2.1 km

3) Explain how the spit in figure 1 was formed (2) Reason 1

1.3 Longshore drift transported sand and shingle north east past a sharp bend in the coastline [1 mark] and deposited it in the sea, forming a spit [1 mark].

4) Suggest what could happen to the spit if it continued to grow? (2)

1.4 The spit could continue to grow across the bay [1 mark], creating a bar [1 mark].

5) Explain how sand dunes form ? (3)

2.1 Sand blowing up the beach was trapped by obstacles, e.g. driftwood [1 mark]. The trapped sand was colonised by vegetation, forming embryo dunes [1 mark]. The embryo dunes grew and migrated inland, forming mature dunes [1 mark].