

Name: _____ Date: _____

Water

Q1. Write a short note on waves?

Ans. _____

Q2. What are the factors affecting the height of the waves?

Ans. _____

Q3. What are spring and neap tides?

Ans. _____

Water

Q1. Write a short note on waves?

Ans. When the water on the surface of the ocean rises and falls alternately, they are called waves. During a storm, the winds blowing at very high speed form huge waves. These may cause tremendous destruction.

Q2. What are the factors affecting the height of the waves?

Ans. During a storm, the winds blowing at very high speed form huge waves. An earthquake, a volcanic eruption or underwater landslides can shift large amounts of ocean water. As a result a huge tidal wave called tsunami, that may be as high as 15m., is formed.

Q3. What are spring and neap tides?

Ans. The water of the earth closer to the moon gets pulled under the influence of the moon's gravitational force and causes high tide. During the full moon and new moon days, the sun, the moon and the earth are in the same line and the tides are highest. These tides are called spring tides. But when the moon is in its first and last quarter, the ocean waters get drawn in diagonally opposite directions by the gravitational pull of sun and earth resulting in low tides. These tides are called neap tides.