

Science 8 Topic 4 Unit 5

Pages 410 – 430

Name:

Date:

1.) How does the ocean affect us even if we do not live near the ocean? Page 410

2.) List the salts found in ocean water. 1 mark

3.) How many times saltier are oceans than rivers? 1 mark

4.) How does the salt get into the ocean?

5.) How far does light usually penetrate into the ocean?

6.) Describe how ocean ridges and trenches are produced?

7.) Name three factors that determine the height of a wave? 3 marks

8.) Explain the difference between spring tide and neap tide 2 marks

9.) Explain how surface currents are produced.

10.) Why are some currents warm and some cold? 2 marks

11.) How does a tidal wave differ from a tsunami? 2 marks

12.) Label the following diagram

13.) define the following terms:

a.) salinity:

b.) trenches:

c.) ocean ridges:

d.) abyssal plains:

e.) continental slope:

f.) waves:

g.) breakers:

h.) longshore currents:

i.) tides:

j.) spring tide:

k.) neap tides:

l.) tidal range:

m.) currents:

n.) trade winds:

o.) westerly winds:

p.) heat capacity:

q.)

