Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

/20 MARKS

**Plate in Motion: Science Quiz:**

1. The theory that describes movement of continents on Earth’s surface is called the \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ theory (1).

2. The three pieces of evidence to support Wegener’s Theory of Continental Drift are (3):

i)

ii)

iii)

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is another name for the “supercontinent” meaning “all Earth” (1).

4. Two major plates that make up the lithosphere are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (2)

5. These large, rigid, moveable slabs of rock are called \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_. (1)

6. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, located below the lithosphere is made up of a mixture of gases that help make the plates move. (1)

7. The main driving force located in the Earth’s mantle responsible for plate movement is called \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_. (1)

8. A region where two tectonic plates are in contact is called \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_. (1)

9. The three types of plate interactions are (3):

i) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate boundaries (slide by)

ii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate boundaries (spread apart)

iii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate boundaries (move together)

10. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ zone is when two plate boundaries meet and create an oceanic trench. (1)

11. This geological phenomena is created when tectonic plates slide horizontally past each creating such friction that an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will occur. (1)

12. The Aleutian Islands is one long chain volcanoes that form a volcanic island arc and occurs where there is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ -\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate convergence. (1)

13. When two continental plates collide, they crumple and fold, forming a \_\_\_\_\_\_\_\_\_\_\_\_ range. (1)

14. Hot magma is pushed up and forms a opening in Earth’s surface forming a \_\_\_\_\_\_\_\_\_ - shaped \_\_\_\_\_\_\_\_\_\_\_\_. (1)

15. A break or a fracture in rock layers due to movement of plates is called a \_\_\_\_\_\_\_\_\_. (1)