**Plate Tectonics/Soil Formation Quiz**

**Name: Date:**

1. **(P.3.1.) What is the role of convection in the movement of crustal & oceanic plates?**
   1. **Liquid magma is pushed up through convection from the center of the mantle causing the crustal plates to move**
   2. **Convection doesn’t play a part in the movement of crustal plates & ocean basins**
   3. **The solids are touching causing convection**
   4. **Magma is radiating on the crustal plates causing them to move**
2. **(E.2.1.) What causes movement of tectonic plates?**
   1. **Gravitational pull between the Earth & Moon**
   2. **Convection occurring beneath the Earth’s curst**
   3. **Energy produced by Earthquakes within the Earth**
   4. **Rotation of liquid rock found within the core**
3. **(E.2.3.) How does parent rock relate to soil formation?**
   1. **Gives soil its Texture & Color**
   2. **Gives Soil its Smell & Texture**
   3. **Give Soil its Color & Smell**
   4. **It doesn’t relate to soil formation**
4. **(E.2.3.) How does environment relate to soil formation?**
   1. **Provides Smell & Color to the soil**
   2. **Provides Texture & Color to the soil**
   3. **Environment doesn’t affect soil formation**
   4. **Provides Temperature & Moisture to soil**
5. **(E.2.3.) What are the characteristics of the most fertile soil?**
   1. **Course Texture/Dark Color/Holds lots of Water**
   2. **Fine Texture/Light Color/Holds lots of water**
   3. **Fine Texture/Dark Color/Holds lots of Water**
   4. **Fine Texture/Dark Color/Doesn’t hold water**
6. **(E.1.1.) What type of parent rock produces the best fertile soil?**
   1. **Fine Textured/Dark**
   2. **Fine Textured/Light**
   3. **Course Textured/Dark**
   4. **Course Textured/Light**
7. **(E.2.3.) What type of environment produces the best fertile soil?**
   1. **Cool Temperature/Low amounts of Moisture**
   2. **Cool Temperature/High amounts of Moisture**
   3. **Warm Temperature/High amounts of Moisture**
   4. **Warm Temperature/Low amounts of Moisture**
8. **(E.2.4.) What is Stewardship?**
   1. **Act of taking action to protect & take responsibility for something**
   2. **Another word for pollution**
   3. **Another word for air quality**
   4. **Act of planting trees**
9. **(E.2.4.) What affect have humans had on the quality of soil on Earth?**
   1. **They have not had an affect on soil quality**
   2. **Negative**
   3. **Positive**
   4. **Neutral**