**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**