**Soil Quiz**

**Name: Date:**

1. **(E.2.3.) Soil quality is determined by what two factors?** 
   1. **Biome & Ocean**
   2. **Parent Rock & Environment**
   3. **Insects & Rain Mixture**
   4. **Rock & Vegetation**
2. **(E.2.3.) What is texture?**
   1. **How something tastes**
   2. **How well you can see something**
   3. **How something smells**
   4. **How something feels**
3. **(E.2.3.) Which biome would produce the most fertile soil?**
   1. **Dessert**
   2. **Marine**
   3. **Tropical Rain Forrest**
   4. **Tundra**
4. **(E.2.3.) Which of the following is very BAD for soil?**
   1. **Erosion**
   2. **Weathering**
   3. **Precipitation**
   4. **Evaporation**
5. **(E.2.3.) A class is conducting an experiment on how different types of soil can affect the growth of a plant. Which are the main factors the class should consider when designing the experiment??**
   1. **Types & amounts of sugars found in the soil**
   2. **Color of the container for the soil & the plant**
   3. **Soil texture & the amount of water it can hold**
   4. **Shape & color of the seeds planted in the soil**
6. **(E.2.3.) What factors of soil does the environment contribute to?**
   1. **Temperature & Amount of Moisture**
   2. **Amount of moisture & Color**
   3. **Temperature & Texture**
   4. **Color & Luster**
7. **(E.2.3.) Richard lives in Arizona and he wants to plant an orange tree. He plants the orange seeds and waits for months but the tree never grows. Why is his orange tree most likely not growing?**
   1. **The soil is too fine textured & holds too much water**
   2. **The conditions in Arizona are too warm & wet for an orange tree to grow**
   3. **The conditions in Arizona are too dry & the soil is not dark**
   4. **He did it wrong**
8. **(E.2.3.) Which environment would produce soil at the fastest rate?**
   1. **An environment located in warm, wet regions**
   2. **An environment that consists of many slopes**
   3. **An environment without any vegetation**
   4. **An environment with high rates of erosion**
9. **(E.2.3.) What does the Parent Rock provide for the soil?**
   1. **Smell, Color & Texture**
   2. **Color, Luster & Smell**
   3. **Texture, Ability to hold water & Color**
   4. **Ability to hold water, Luster & Texture**
10. **(E.2.3.) How would the best fertile soil be described?**
    1. **Fine, Dark & Doesn’t hold much Water**
    2. **Fine, Light & Holds lots of Water**
    3. **Course, Dark & Holds lots of Water**
    4. **Fine, Dark & Holds lots of Water**

**Constructed Response:**

**Question #1:**

**What are the 5 factors that produce fertile soil within Parent rock (3) and Environment (2)?**