EPS 200 (Stapleton) Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Plate Tectonics Test Practice #2

For each lettered feature on the plate map, darken all of the descriptions below that apply. On the map, dark plates are ocean crust and light plates are continental crust. [Suggestion: start with letter A. Sketch a cross-section diagram of letter A. Then read all of the descriptions from number 1 to number 15 and darken the descriptions that apply. Continue the process one map feature at a time.]

1. A B C D E F G Some mafic magma may reach the surface.

2. A B C D E F G Some felsic magma may reach the surface.

3. A B C D E F G Steep, *composite cone* volcanoes

4. A B C D E F G Rounded, *shield* volcanoes

5. A B C D E F G *Relatively* violent eruptions *can* occur.

6. A B C D E F G *Relatively* gentle eruptions *can* occur.

7. A B C D E F G There is thin seafloor sediment.

8. A B C D E F G There is an ocean trench nearby.

9. A B C D E F G Deep-focus earthquakes

10. A B C D E F G Shallow-focus earthquakes

11. A B C D E F G There are two long, parallel ridges.

12. A B C D E F G There are tall mountains, but no volcanoes

13. A B C D E F G New ocean crust is being created here.

14. A B C D E F G Situated over a relatively cool part of the mantle

15. A B C D E F G A line of volcanoes of diminishing size

EPS 200 (Stapleton) Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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