| Name: | Class: | Date: |
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| ······································ | | —————————————————————————————————————— |
| Plate Tectonics Test Review | | |
| Match each term with the correct statement belo | ow. | a mid a man widon |
| 1. Plates move together at a | | a. mid-ocean ridgeb. transform boundaryc. convergent boundary |
| 2. One plate is forced under another in a | | d. subduction zone e. divergent boundary |
| 3. Plates pull apart at a | | , |
| 4. A is an underwater mountain chain. | | |
| 5. A plate that slips past another plate horizontal | lly is a | |
| Indicate whether the statement is true or false. | | |
| 6. Mid-ocean ridges are formed along lines where | two plates divers | ge under the water. |
| 7. Ocean trenches are formed along lines where a | | |
| | | |
| 8. Some mid-ocean ridges are split into sections b | y transform faults | 5. |
| Indicate the answer choice that best completes the s | tatement or ansv | vers the question. |
| 9. The is (are) an example of a transform bou | ındary. | |
| a. Appalachian Mountains | | Himalayas |
| c. Mid-Atlantic Ridge | d. S | San Andreas Fault |
| 10. The Great Rift Valley in Africa is a | | Pino, djuri k floritika, ili ili ili ili ili ili ili ili ili il |
| a. mid-ocean ridge | | livergent boundary |
| c. convergent boundary | d. t | ransform boundary |
| 7 11 Active velcences are most likely to form at | 9.000 SW00 | |
| 11. Active volcanoes are most likely to form at a. transform boundaries | h diverger | at boundaries |
| | • | nic–continental boundaries |
| | " confror Borrio daga | |
| 12 are formed when two continental plates of | collide. | |
| a. Volcanoes | b. 5 | Strike-slip faults |
| c. Mountain ranges | d. I | Rift valleys |
| Match the correct type of stress with the boundary. | in the second | and the second section of the second section is the second section of the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the section is the second section in the section is the second section in the section is the section in the section is t |
| B an mark | | |
| □ 13. Tension□ 14. Shear | A. Convergent | |
| A 15. Compression | B. DivergentC. Transform | |

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| 16. Explain how a volcanic arc occ | curs and where a current volcanic arc is. Draw a rs when an oceanic plate Subducts | The state of the s |
| Continental plate. | oceanie The sub Crust we | duction of the oceanic akens & puts pressure on atmental crust, forcing magma up, forming volcanoes on |
| | the state of the fault bone in the O.S. 13. | 1 and M |
| A fault zone results fro in the earth are | m a major faut causing smaller, m ovnd it. An example is San Am | dreas Fault, CA. |
| 40 | | bud has van hijs dith i XIII |
| inner Core, Ovter Core, | mantle (ashunosphere glithosphere | vard.), Crust (Oceanic & Continental) |
| 19. Which two elements make | | |
| 20. The outer core spinning an | round the inner core causes the <u>Magnetic</u> | field |
| 21. Name two types of crust. | Oceanic à continental | ed to to see when the reconstruction of |
| | atle and the crust make up the | phere |
| 23. The Mantle | includes the lithosphere and the asthen | osphere. |
| 24. Oceanic crust is made of v | which rock? basalt | |
| 25. Continental crust is made | mostly of which rock? | |
| 26. Where are silicates found | ? (silicon & oxygen) | ा १९५५ कुळ ा (. १.५५८) १ (१ ५५५) |
| 27. Describe Pangea. A Supercontinen a diffe | t composed of all tru Continents funt location from today - property the for Continental Drift. | pushed together in roposed by Wegener— ht to have existed >250mi |
| a. Glossopteris plant fo | essils (tropical) & Mesosaurus fossils in | regions that are currently |
| h Colores arrive of to | in same dan & deposite of the same ty, | Peg |
| c. land formations- | similiar age 4 layers of rock in mo | ountains (Caledonian FAppalac |
| 20. Who is responsible for th | e theory of Continental Drift? Affred Wa | ainer |

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| July 2 | Olass | |
| 21. Coal is made from the remains of plains indicate? Antartica once he | lants and animals. If coal bed | |
| 21. Name 3 pieces of evidence for Sea | Floor Spreading. | |
| a. Magnetic Stripes | | |
| I have and any complete | - rock close to M.O.R | is warmer |
| c. Sediment Samples - | age & tuckness of s | redirment close to M. O.R = your think |
| 22. Who is responsible for the theory | of Sea Floor Spreading? Han | ry Hiss |
| ~ | | |
| Temp- gets coo Age- gets of Topo Maps Magnetism- | ge, and magnetism of ocean cru ter | ast as you move away from the M.O.R.? |
| 23. Lines that connect areas of equal | elevation are called | |
| 24. A dark, bold line on a topographic | c map is called a(n) index | Contour |
| 25. Water always flows toward the _ | open end of the "V | <i>"</i> ". |
| 26. Hill tops other contour lines inside it. | _ on a topographic map are re | presented with a closed circle and no |
| 27. <u>Pepressions</u> on a slashed marks inside it. | • | |
| 28. An area on a topographic map is | <u>flat</u> if the lin | es are far apart. |
| 29. An area on a topographic map is | Steep if lines | are close together. |
| | | |