

Earth and Space Science

Spring Final REVIEW 2016

Coach Mesler's Class

Unit 6

1. Which two forces is deep water circulation driven by?
2. Which hemisphere is more covered by water?
3. In mid-ocean ridges, new floor is created as the plates diverge away from each other. What interesting phenomena was discovered when scientists started exploring and testing this area?
4. Where does colder more dense seawater turn into warmer less dense seawater?
5. What is the name given to deep water circulation?
6. Which two forces is deep water circulation driven by?
7. What factors affect wave erosion
8. What structures are made by wave erosion?
9. What are causes of an emergent coast?

10. What are causes of a submergent coast?

11. What increases the acidity of the oceans?

12. List man-made structures built to help control beach erosion

13. What are the main features associated with the Atlantic Ocean

14. What are the main features associated with the Pacific Ocean

Define the following words

15. Fetch

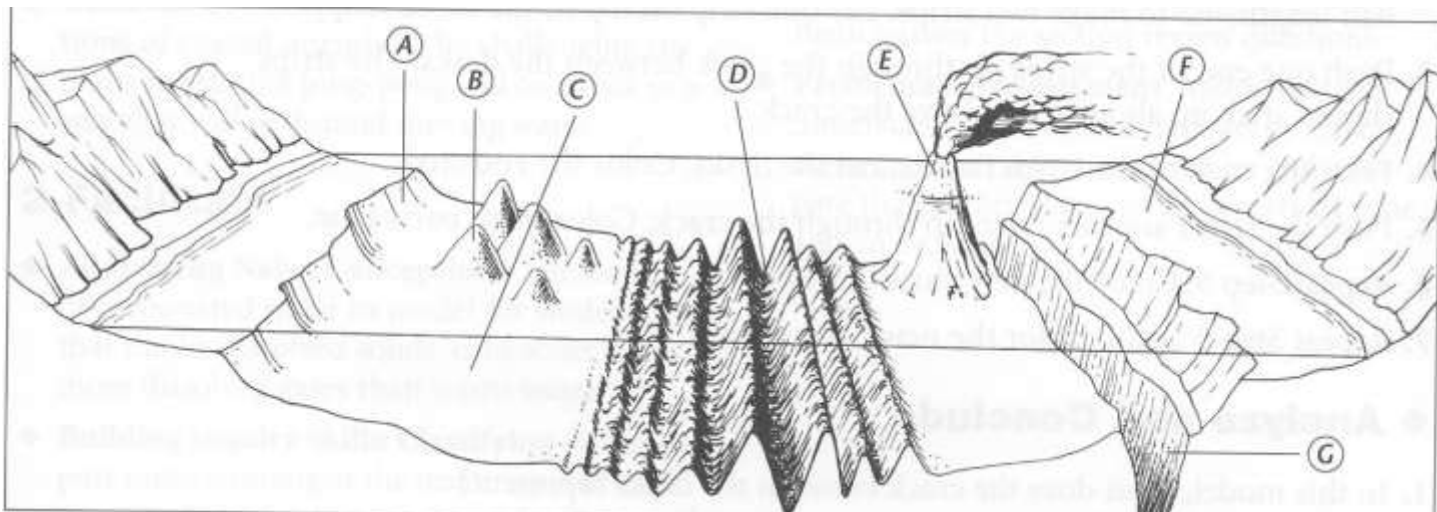
16. Wave Refraction

17. Longshore current

18. Split

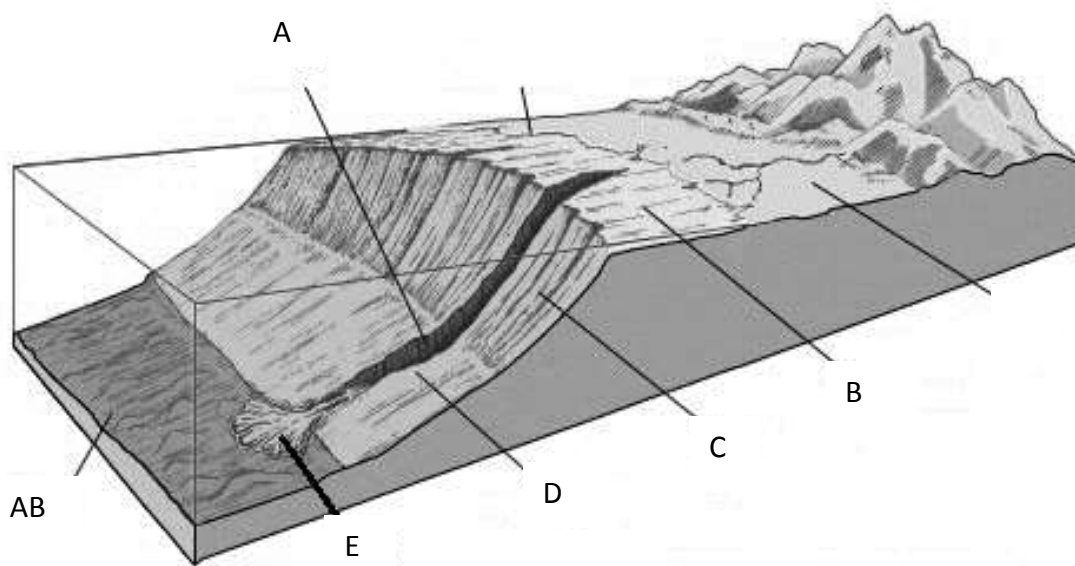
19. Baymouth Bar

Use the following graphic for questions #20–#26



- 20. Seamount
- 21. Continental Rise
- 22. Continental Shelf
- 23. Volcanic Island
- 24. Mid-Ocean Ridge
- 25. Deep Ocean Trench

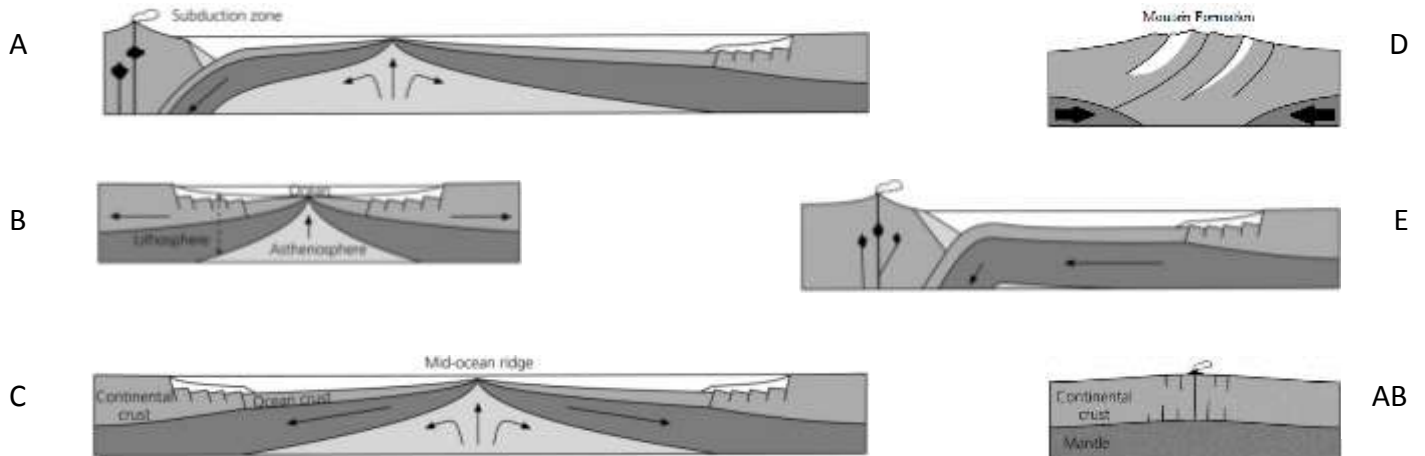
Match the appropriate term to the graphic below (Questions #27–#32)



Use the picture above to match to the following questions (#18 - #23)

- 26. Submarine Canyon
- 27. Continental Shelf
- 28. Abyssal Plain
- 29. Continental Slope
- 30. Alluvial Fan
- 31. Continental Rise

Match the appropriate graphic to either its description or nickname (Questions #33–#44) [may use the answer choices more than once]



Match the Stage or description to with the picture above

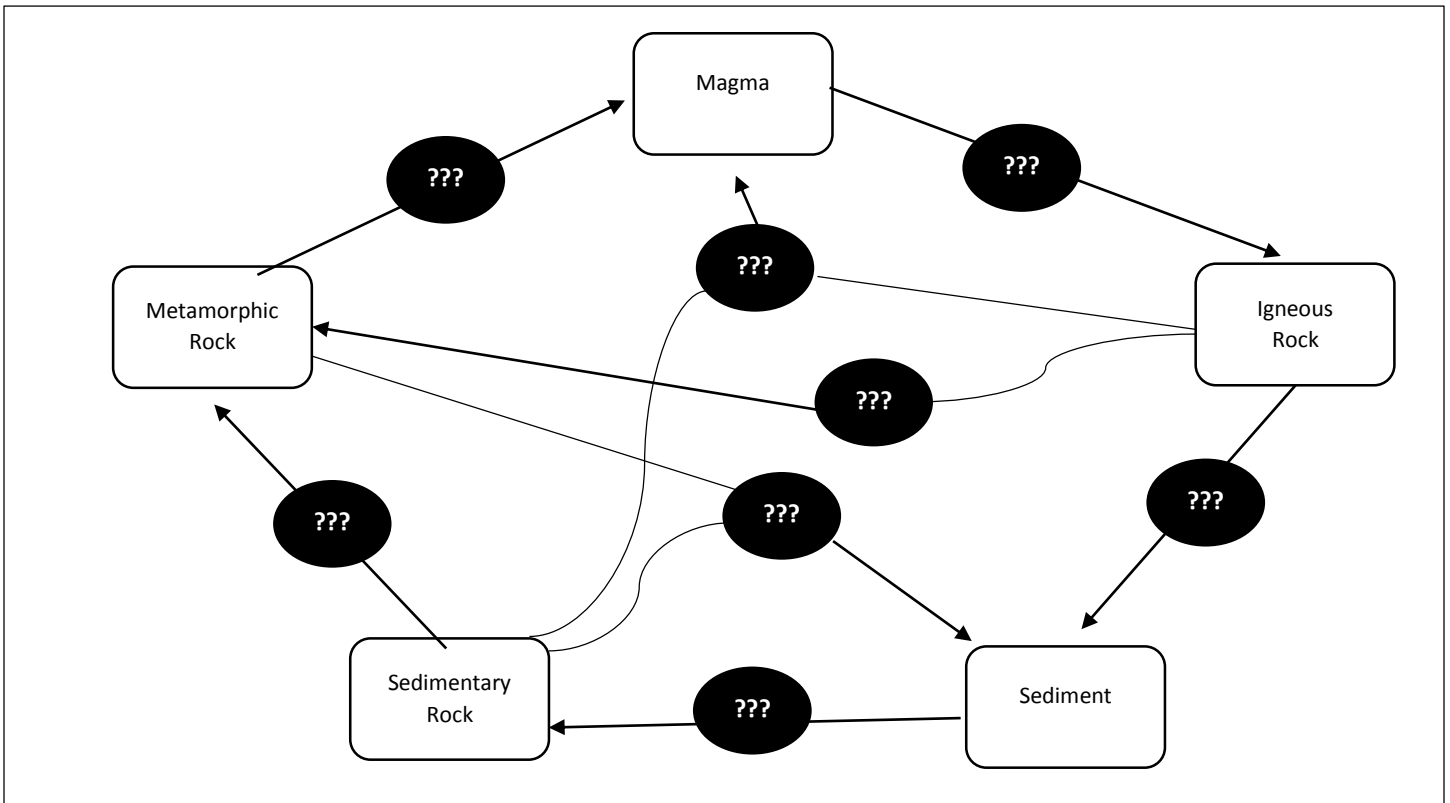
32. Birth
33. Infant
34. Adolescence
35. Adult
36. Old Age
37. Death
38. Continental Rifting
39. Formation of Narrow Ocean Basin
40. Maturing Ocean
41. Subduction at Basin Margins
42. Subduction Dominates, Basin Narrows
43. Continental Collision, Closing of the Ocean Basin

44. In nature, what are the ways in which salinity is decrease in seawater?

45. In nature, what are the ways in which salinity is increased in seawater?

Unit 7

Be able to complete a flow chart of the Rock Cycle like this one.



Unit 8

46. Based on what we have discussed in class, what do the O, A, E & B horizons have in common?

47. The area of land that contributes water to the stream is called the _____.

48. Groundwater moves _____.

49. Where does a cone of depression often form?

50. What type of drainage pattern typically develops on isolated volcanic cones and domal uplifts?

51. How does a stream's meander form?

52. A _____ is a mud flow on the side of a volcano.

Be able to read and interpret this chart

