Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The Deep – BBC Movie

Guided Notes

1. How much of the earth is covered by ocean?
2. More people have been where, than in the deep ocean?
3. How much higher is the pressure at 1,000 ft. deep?
4. As depth increases, what happens to the temperature in the ocean?
5. Why are a lot of animals transparent in the twilight zone?
6. What do comb jellies use to make themselves move?
7. At 500 m deep can humans detect any light?
8. What is an adaptation of the hatchet fish?
9. Many predators have what kind of eyes?
10. What are the light producing cells called that help hatchet fish counter shade?
11. Over 1,000 m deep what is the water temperature?
12. The fang tooth fish has teeth so large it can’t do what?
13. In the dark zone many animals are what color?
14. Why do red animals appear black, even though they are red?
15. What body shape is common?
16. The hairy angler has what to detect prey?
17. The gulper eel has what adaptation?
18. How big of prey can the gulper eel eat?
19. What is light made by in bioluminescent animals?
20. Why are anglers named as they are?
21. What sex of anglers have lures?
22. How do female anglers find mates?
23. How do anglers ensure a readily available supply of sperm?
24. What color is most bioluminescent light?
25. What is an adaptation of some deep sea shrimp?
26. What adaptation do copepods have to get away from a large ostracod?
27. Where do the firefly squid have photophores?
28. How many tons of animals migrate up to surface waters at night?
29. Photosynthesis becomes impossible past this depth in the ocean.
30. What percentage of food from surface water reaches the continental shelf?
31. The deep sea floor is dominated by what phylum?
32. Sea lilies are what type of feeders?
33. How big was the deep sea reef found in Norway?
34. The largest coral polyps belong to which coral?
35. Why does the deep sea cucumber swim?
36. What are 2 adaptations of the Chimera to find food?
37. How big do six gilled sharks get?
38. How deep of water can they live in?
39. What is the first animal to arrive at a carcass in the deep sea?
40. How many species were found on a single whale vertebra?
41. How much of the earth is covered by the abyssal plane?
42. How deep is the Mariana trench?
43. Most fish in the abyssal plane are in what family?
44. Does the tripod fish see?
45. The Dumbo Octopus uses what to get around?
46. What chemical is present in the water by sea chimneys?
47. What is the nickname for the tube worm that lives on the chimneys?
48. How long are the tube worms that live in the ocean vents?
49. Why are they red?
50. What is the basis for life in the vents?
51. How long are individual vents typically active for?
52. In the Gulf of Mexico in 1900 scientists found what?
53. Cold seeps are similar to what other place in the ocean?