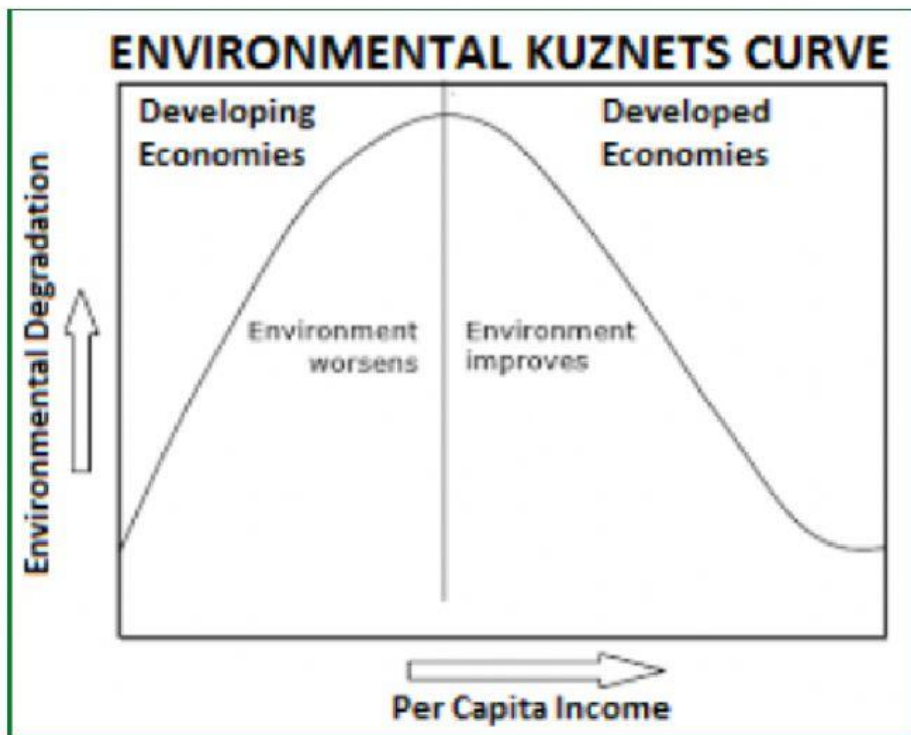


24. What does the Kuznet's Curve indicate?

3 points



25. Discuss three arguments that support the Kuznet's curve:

7 points

26. Discuss three criticisms of the Kuznet's curve:

7 points

27. Explain what biological forms of nitrogen are

2 points

28. Nitrogen Oxides NO_x and Ammonia NH₃ can affect the formation of what in the atmosphere? 2 points

29. What about the size of particles in the air? 2 points

30. List 3 effects can elevated concentrations of ammonia NH₃ have on plants. 5 points

31. How can high nitrogen oxide, NO_x, concentrations affect agricultural crops? 5 points

32. What is the impact of Nitrogen deposition on global biodiversity? 2 points

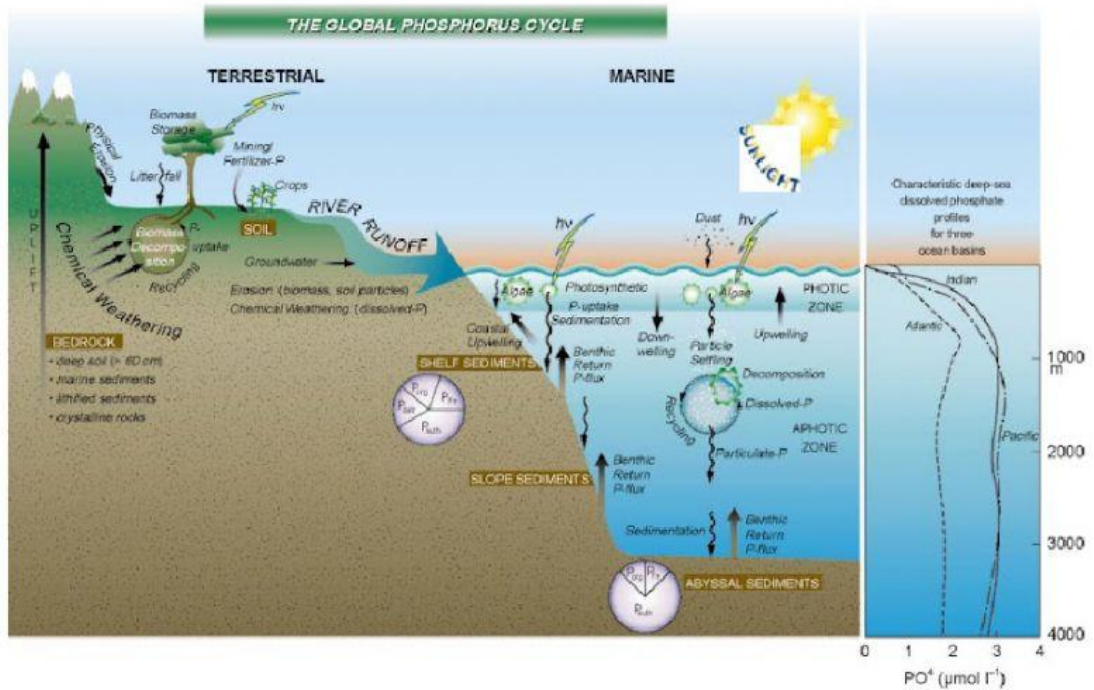
33. Why are coral reefs considered "rainforests of the sea"? 2 points

34. List 3 ways aquatic organisms and 25% of fish in the sea depend on coral reefs 6 points

35. Discuss 3 benefits of coral reefs 6 points

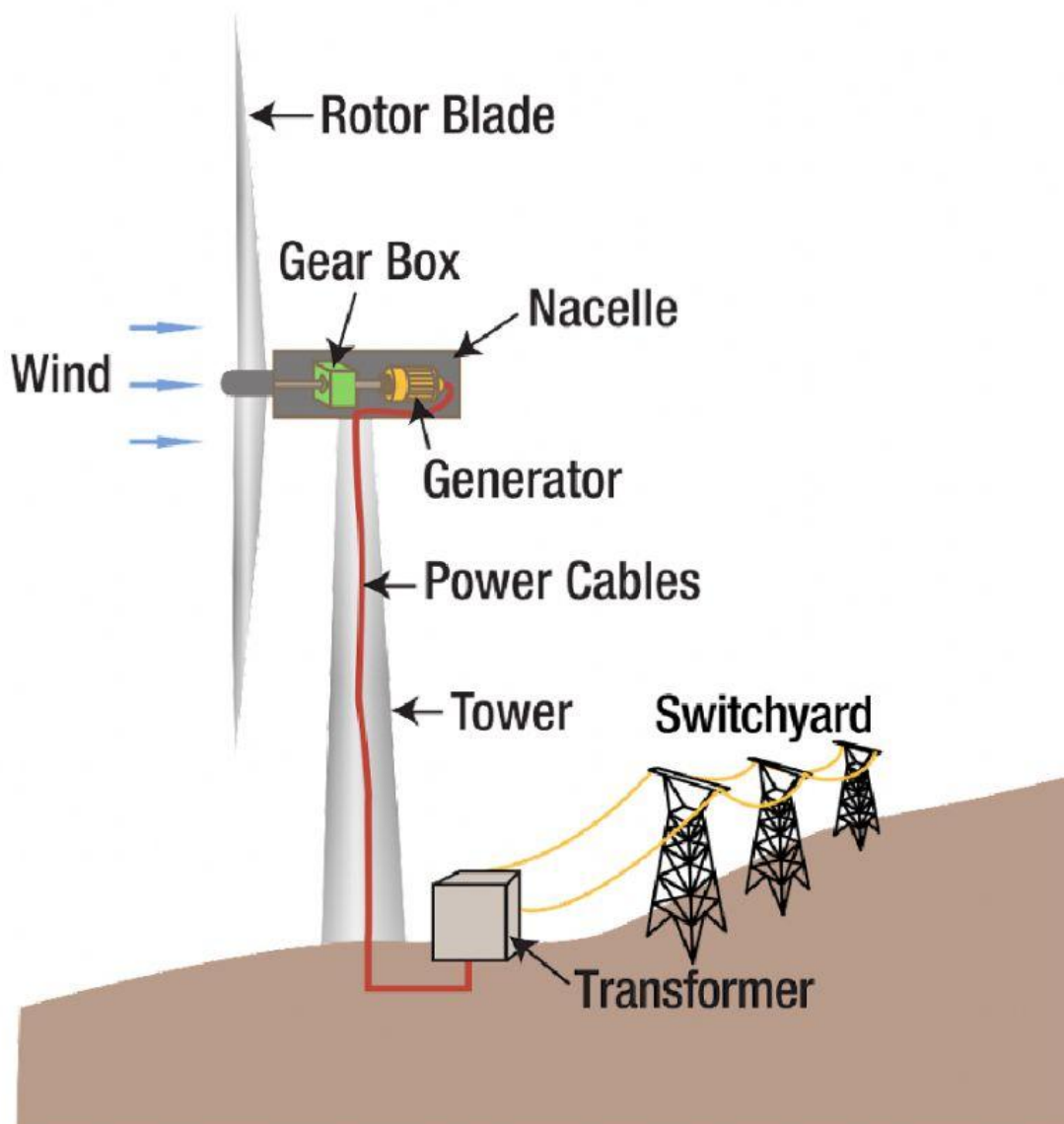
36. Discuss natural and manmade threats to coral reefs 6 points
-
37. Which two nutrients are important for restoration of an ecosystem in aquatic ecosystems? 2 points
-
38. What contributes a very important role in nitrogen emissions? 2 points
-
39. Why is stopping agricultural production of Nitrogen fertilizers which can cause nitrogen pollution not a possible solution? 2 points
-
40. We performed a lab to demonstrate toxic levels of nitrate in a drinking water supply. What did the activity reveal? 2 points
-

41. Given the diagram below. Write a brief description of the phosphorus cycle beginning with physical erosion. 6 points



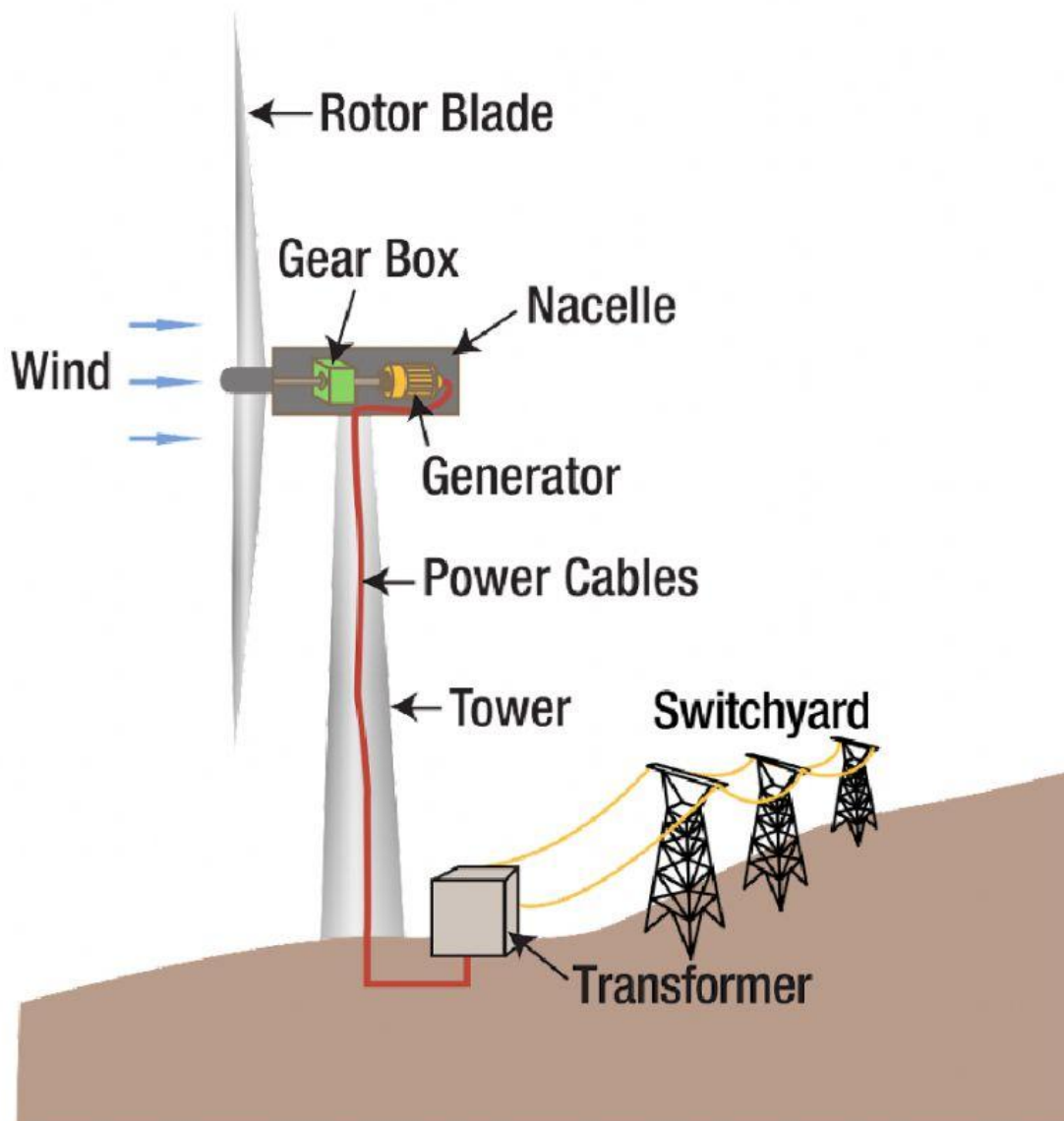
42. How does a Wind Turbine work?

5 points



43. What are advantages of wind energy?

5 points



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