



Water... our lifeline on Earth is today a highly threatened resource. Water has today been polluted due to a number of human activities. Most common sources of water pollution include disease causing agents from domestic and animal waste, oxygen demanding wastes, inorganic chemicals including mercury which are soluble in water, inorganic plant nutrients like phosphates and nitrates which result in excessive algal growth, excessive hot or cold waters, radioactive isotopes from nuclear power plants, organic chemicals like oils and pesticides and sediments. These chemicals have varied impacts on human health and on the water bodies. Fill in the blanks below and draw a list of some of the impacts caused by these substances.

**Come get started!**

**A neurological disorder, which results due to the consumption of water polluted with mercury**

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

**Bacteria, viruses, protozoa, etc enter water from domestic sewage and animal wastes. When consumed this water could result in .....**

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16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

**Excess phosphates and nitrates which can enter water bodies from different sources including fertilisers, detergents, etc cause excess algal growth and result in ..... of the water body.**

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34 35 36 37 38 39 40 41 42 43 44 45 46 47

**Consumption of drinking water with excessive nitrates results in the Blue baby Syndrome. This syndrome is also known as .....**

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48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65

**Pesticides have a tendency to concentrate along food chains resulting in .....**

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66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81

**Ans.**

11 73 57 19 47 7 31 39 37 2 24 71

**This book by Rachel Carson published in 1962, was the first book to document harmful effects of pesticides on the environment**