Quiz
1. Low amount of dissolved oxygen in river water indicates
   I.   High level of free oxygen in water
   II.   High level of pollution in water
   III. Low level of pollution in water
   IV.   That the surrounding atmosphere is having low amount of oxygen.
2. Eutrophication generally
   I.   Does not impact oxygen content of water
   II.   Deprives water with oxygen
   III. Increase oxygen content of water
   IV.   All of the above, depending upon oxygen content.
3. A sediment rating curve relates
   I.   River stage with sediment being transported.
   II.   River stage with sediment being eroded.
   III. River discharge with sediment being eroded.
   IV.   River discharge with sediment being transported.
4. The designated best use of the water from a source is
   I.   The water use which demands the highest quality, in that category
   II.   The water use which demands the lowest quality , in that category
   III. The water use for which the best treatment is desired.
   IV.   The water use which gives the best economic return

Tutorial
1. What do you understand by BOD and COD and what is the deference between the two?
2. Briefly describe the classification of sediment data. Mention names of five rivers of India which carry the largest amount of sediment and the amount of sediment carried.
3. Name the five classes in which river water has been categorized by the Central Pollution Control Board and the designated best use for each of them.

Case Study
1. Visit a nearby river. Identify the pollution in the river, its source and possible remedial measures.
2. Find out the kind of pollutants being produced by a nearby industry (if any) and how the polluted water is treated and disposed. Also try to find how does it impact water quality?

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