**WATER MANAGEMENT**

1. Water is crucial for the economy since it is used by all industries. State whether true or false.
   1. True
   2. False
2. Which of the following does availability water affect?
   1. Consumer goods
   2. Food
   3. Energy
   4. All of the above
3. Can water be wasted as a resource?
   1. Yes
   2. No
4. Which of the following are demand drivers when it comes to water use?
   1. Population growth
   2. Agricultural intensification
   3. Economic growth
   4. All of the above
5. Which of these are considered industrial wastes?
   1. Municipal solid waste
   2. Construction and demolition
   3. Hazardous solid waste
   4. Industrial liquid waste
6. Agriculture is not a major demand driver when it comes to water resources. State whether true or false.
   1. True
   2. False
7. But how much has freshwater use increased since World War 2?
   1. Tripled
   2. Quadrupled
   3. Stayed the same
   4. Doubled
8. What is the world population expected to rise to by 2050?
   1. 7.8 billion
   2. 13 billion
   3. 9 billion
   4. None of the above
9. By how much is the freshwater consumption estimated to increase by 2030?
   1. 15%
   2. 25%
   3. 35%
   4. 75%
10. Water scarcity does not have any social or economic implications. State whether true or false.
    1. True
    2. False
11. Which of the following are stakeholders when it comes to the issue of water management?
    1. Businesses
    2. People
    3. Governments
    4. All of the above
12. Which of the following are at the highest risk of declining water quality?
    1. Developed countries
    2. Developing countries
    3. Affluent neighbourhoods
    4. None of the above
13. How many people are estimated to be dying each year due to lack of adequate sanitation and rising demand for water?
    1. 20 million
    2. 900 million
    3. 350 million
    4. 450 million
14. Waterways in developing countries are also used as a source for drawing drinking water. State whether true or false.
    1. True
    2. False
15. Good water quality is important for industries and societies to function properly. State whether true or false.
    1. True
    2. False
16. In what ways can poor water quality affect the standard of living of a society?
    1. Directly
    2. Not at all
    3. Indirectly
    4. None of the above
17. Which of the following is a key method to reduce our reliance on freshwater?
    1. Discarding wastewater
    2. Recycling wastewater
    3. Increasing freshwater consumption
    4. None of the above
18. How does declining water quality affect business?
    1. Operational disruptions
    2. Increased pre-treatment cost
    3. Push for water efficient products
    4. All of the above
19. Declining water quality can lead to conflicts of a business with the local communities. State whether true or false.
    1. True
    2. False
20. How is climate adding to the issue of water scarcity?
    1. By disrupting the water cycle
    2. Increasing snowfall
    3. Increasing industrial water use
    4. All of the above
21. Which water ecosystems have suffered the most due to increase in domestic and industrial water waste?
    1. Rivers
    2. Ponds
    3. Polar ice caps
    4. All of the above
22. Is the damaged caused by over extraction of ground water reversible?
    1. Yes
    2. No
23. Which of the following is a major reason for water stress around the world?
    1. Over population
    2. Increase in wildlife
    3. Increase in agricultural activities
    4. All of the above
24. Which of the following can help to address the issue of water scarcity?
    1. Rainwater harvesting
    2. Ecosystem restoration
    3. Water conservation
    4. Efficient agriculture
25. Which of the following is a key component of industrial wastewater that makes it bad for the environment?
    1. Presence of heavy metals
    2. Clean discharge
    3. Presence of organic matter
    4. None of the above
26. How much of the total industrial liquid discharge is estimated to be treated?
    1. 60%
    2. 79%
    3. 29%
    4. 44%
27. Industries must reduce the volume and toxicity of wastewater they produce. State whether true or false.
    1. True
    2. False
28. Can water saving reduce the overall cost of water for the community at large?
    1. Yes
    2. No
29. What are some key advantages of saving water?
    1. Reduced treatment expense
    2. Prevention of degradation of ecosystems
    3. Reduced irrigation run-off
    4. All of the above
30. Reduction of water pollution allows communities to thrive. State whether true or false.
    1. True
    2. False

For the above questions, we have designed two formats which are as follows:

Type 1: Multiple Choice Questions or MCQs

* The question will have four possible answers to choose from
* There maybe just one, multiple or no correct answers for these questions

**Sample MCQ:**

**Q1:** Tell us which of the following is a benefit of good inventory management?

* Maintain optimum inventory levels (correct)
* Save time and energy (correct)
* Decrease efficiency and productivity (incorrect)
* Improve accuracy of the accuracy of inventory orders (correct)

**Q1:** What is the full form of DOL in manufacturing?

* Double On Time (incorrect)
* Date On Tag (incorrect)
* Direct On Line (correct)
* None of the above (incorrect)

**Sample True or False:**

**Q1:** Two bin system in manufacturing leads to over stocking of raw material. True or false?

* True
* False