**WASTE MANAGEMENT**

1. Which physical states can waste be classified into?
   1. Liquid
   2. Gas
   3. Solid
   4. All of the above
2. Solid industrial waste can be further classified into ‘hazardous’ and non-‘hazardous’ waste. State whether true or false.
   1. True
   2. False
3. Which of these are considered industrial wastes?
   1. Municipal solid waste
   2. Construction and demolition
   3. Hazardous solid waste
   4. Industrial liquid waste
4. Effective waste management conserves resources while reducing pollution. State whether true or false.
   1. True
   2. False
5. Which of the following activities are comprised within waste management?
   1. Reducing waste generation
   2. Optimising disposal
   3. Sustainable waste handling
   4. All of the above
6. What is the first step in effective waste management?
   1. Fixing
   2. Segregation
   3. Treating organic waste
   4. None of the above
7. Segregation of waste can be effectively by simply using colour coded bins for different kinds of waste. State whether true or false.
   1. True
   2. False
8. Should damaged waste bins be replaced as soon as they are identified?
   1. Yes
   2. No
9. At which stage of waste management should the personnel be informed of the bins assigned for various types of waste?
   1. Level 1
   2. Level 2
   3. Level 3
   4. Level 4
10. Increasing the use of recyclable materials in the production process can help reduce the amount of waste generated. State whether true or false.
    1. True
    2. False
11. We should dispose of the waste before using the 5R approach to waste management. State whether true or false.
    1. True
    2. False
12. What should corrugated paper box packaging be replaced with?
    1. Single use plastic packaging
    2. Reusable standard packaging
    3. Plastic packets
    4. None of the above
13. What happens when the spray gun is connected to the air compressor in the range of 90 psi?
    1. Rough paint finish
    2. Inadequate paint spray
    3. Foggy environment
    4. All of the above
14. What is the ideal air pressure for paint spray gun?
    1. 90 psi
    2. 75 psi
    3. 65 psi
    4. 45 psi
15. What happens to corrugated paper boxes over time?
    1. Eventually discarded
    2. Damage with every use
    3. Susceptible to water damage
    4. All of the above
16. Effluent treatment plants should be correctly sized based on the size and liquid waste output of the factory. State whether true or false.
    1. True
    2. False
17. What happens when the capacity of ETP is lower than the liquid waste output of a factory?
    1. There is no wastage
    2. Dumping of untreated waste
    3. Waste is adequately treated
    4. None of the above
18. An ill-sized ETP should be upgraded to handle the entire effluent load and treat the water to a level at which it can be reused in the factory. State whether true or false.
    1. True
    2. False
19. Where can treated wastewater be used in a factory?
    1. Cooling towers
    2. Chillers
    3. Boiler
    4. All of the above
20. Which of following lead to water wastage in a factory?
    1. Broken taps
    2. Damaged pipes
    3. Faulty air conditioner
    4. All of the above
21. Which of the following is a good way to prevent water wastage?
    1. Push button taps
    2. Automatic taps
    3. Sensor based urinals
    4. All of the above
22. How much water can a push button tap save in a typical factory in a day?
    1. 1000 litres
    2. 3,700 litres
    3. 25,000 litres
    4. 35,000 litres
23. Th true of waste treatment includes the cost of treatment as well as the cost of materials that were wasted in the first place. State whether true or false.
    1. True
    2. False
24. Which of the following are comprised within the true cost of waste?
    1. Disposal cost
    2. Manufacturing cost
    3. Associated cost
    4. All of the above
25. The cost of paying a contractor for collecting the waste from a factory is part of disposal waste. State whether true or false.
    1. True
    2. False
26. Which of the following are part of waste disposal costs?
    1. Disposal fee
    2. Container rental
    3. Cost of incineration
    4. All of the above
27. Which of the following can be considered part of associated costs?
    1. Manpower cost
    2. Cost of rejected raw material
    3. Raw material procurement
    4. All of the above
28. Waste management helps protect the environment. State whether true or false.
    1. True
    2. False
29. Does waste management contribute toward revenue generation?
    1. Yes
    2. No
30. The cost of wasted raw material during the production cycle should be counted towards the associated cost of waste. 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