

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Define vermicomposting? Explain the types and methods of vermicomposting in detail.
- Q.24 Explain the working of trickling filters with the help of diagram.
- Q.25 Write in detail about the advance method of waste water treatment.

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Roll No.

6th Sem / Food Technology

Subject : Waste Management in Food Industry

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 The waste generated from food industries depends on
- a) Type of food industry
 - b) Nature of raw material
 - c) Method of food processing
 - d) All the above
- Q.2 Most food is lost at consumption stage in the countries.
- a) High Income
 - b) Low income
 - c) Both A & B
 - d) None of them

- Q.3 Which is not a organic waste
- a) Metals b) Bones
c) Skin d) Seeds
- Q.4 Which is a biological sludge
- a) Nitrogen Matter b) Bacteria
c) Carbon Matter d) All the above
- Q.5 Which is used to destroy pathogens from drinking water?
- a) Methane b) Hydrogen
c) Chlorine d) Sulphur dioxide
- Q.6 What is the shape of trickling filters
- a) Rectangular b) Circular
c) Triangular d) V-Shaped

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 TOD stands for_____.
- Q.8 Recycling is a waste management technique.
- Q.9 The average temperature of sewage is_____.

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- Q.10 Seeds and leaves are major wastes generated from _____ industries.
- Q.11 Write the full form of RBC.
- Q.12 Slow sand filtration method is low cost method of water filtration. (True/False)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Explain various types of waste generated from food industries.
- Q.14 Write a short note on activated sludge process.
- Q.15 What are rotating biological contractors?
- Q.16 Explain food loss or food waste briefly.
- Q.17 Explain coagulation process? Name any two chemical coagulants used in waste water treatment.
- Q.18 Write a note on importance of waste management.
- Q.19 Write the classification of solid waste.
- Q.20 What is sedimentation? Explain the process of sedimentation.
- Q.21 Explain the process of pre-treatment of waste water.
- Q.22 Write the process of waste water treatment in oxidation ponds.

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