Define / explain in brief : (2-3 lines only) 12

(a) Water borne infections.
(b) MBRT
(c) Intoxication of foods.
(d) Sources of microbial contamination of milk.
(e) Anaerobic digesters
(f) Yogurt

Answer the following : 14

Why Escherichia coli is considered as the indicator of fecal contamination? Explain in detail DCT.

OR

What is BOD? Discuss its significance in biological treatment of waste water.
3 Answer any two the following:

(a) Explain in brief the role of microorganisms in spoilage of milk.

(b) Discuss various methods for the microbial analysis of milk.

(c) Explain phenol coefficient test.

4 Write short notes on: (any two)

(a) PA Test

(b) Fermented milk products

(c) Use of UV light for the control of air flora.