

Module-4

- 7 a. Derive Michaleis – Menten equation. (10 Marks)
b. Explain Non – competitive inhibition. (06 Marks)

OR

- 8 a. Explain how do evaluate Michaleis – Menten constants V_m and K_m . (08 Marks)
b. Explain the terms : i) Co – factor ii) Apoenzyme iii) Co – enzyme iv) Enzyme activity. (08 Marks)

Module-5

- 9 a. Explain Monod Model, how do you evaluate μ_m and K_s . (10 Marks)
b. Write short notes on growth of filamentous organisms. (06 Marks)

OR

- 10 a. Write critical notes on different types of sterilization. (08 Marks)
b. Explain Death kinetics of Microorganisms. (08 Marks)
