

3 Hours

80 Marks

N.B 1.Q.No-1 is compulsory

2. Attempt any 3 questions from remaining Q2-Q6

3. All Questions Carry Equal Marks.

4. Illustrate your answers with suitable diagram wherever necessary.

Q1.

a) Explain in detail about the reactions involved in metabolism of drugs (12M)

b) Explain the different routes of drug administration (8M)

Q2.

a) Explain in detail about Liposome mediated drug delivery (10M)

b) Explain the different receptors acting as drug targets (10M)

Q3. Write short notes on.

(20M)

a) Bioavailability

b) Half-life of drug

c) Drug Nomenclature

d) Drug tolerance

Q4.

a) Briefly explain about the role of Interleukins I and II (10M)

b) Explain in detail about antibacterial drugs. (10M)

Q5.

a) Explain the different phases in Clinical Trials involved in drug development (10M)

b) Explain the importance of interferons in therapeutics (10M)

Q6. Explain in detail about Anticancer Drugs action.

(20M)