

Model question paper
Sub: Biochemistry
III Semester (Theory)

Time : 3hrs

Duration : 3hrs

SECTION -A

Answer any Five questions 5x5 =25marks

1. Enzyme specificity
2. Active site structure
3. Significance K_m & V_{max}
4. Isozyme
5. Redox reactions
6. High energy compounds
7. Uncoupler
8. Substrate phosphorylation

SECTION-B

Answer the questions 5x10 =50marks

9.A) Write an essay about IUB Classification of Enzymes?

Or

B) write about interaction between enzyme and substrate ?

10A) write in detail about factor affecting on enzyme activity?

Or

B) Illustrate the enzyme Inhibition mechanism?

11A) Explain the mechanism action of enzyme?

Or

B) Write an account allosterism ?

12A) Explain the energy transformations in living system ?

Or

B) Write details principles of thermodynamics principle?

13A) write about Electron transport chain?

Or

B) Explain the mechanism of oxidative phosphorylation ?