LIST OF TABLES

Table 1. Classification of Enzymes.  
Table 2. Lactate dehydrogenase Activity - Percentage Activity Distribution in Various Human Tissues.  
Table 3. Aldolase Activity in Various Human Tissues.  
Table 4. Creatinine Phosphokinase Activity in various Human Tissues.  
Table 5. Alkaline Phosphatase Activity in Human Tissues.  
Table 6. Transaminase Activity in Human Tissues Relative to serum as Unity.  
Table 7. Major Localisation of Various LDH Isozymes.  
Table 8. Clinical Conditions Associated with Elevated Serum LDH Level.  
Table 9. Clinical Conditions Associated with Elevated Serum CPK Level.  
Table 10. Specific Activity of AST in Different Tissues of Different Species (Mammalian).
Table 11. Specific activity of ALT in Different Tissues of different species (Mammalian). 72

Table 12. Specific activity of alkaline phosphatase in different tissues of different species (mammalian). 77

Table 13. Specific activity of acid phosphatase in different tissues of different species (mammalian). 81

Table 14. Specific activity of amylase in different tissues of different species (Mammalian). 86

Table 15. Age and sex distribution of study group. 90

Table 16. Comparison of normal serum enzyme profiles of Aligarh population with literature value. 92

Table 17. Serum enzyme profiles in different sex groups. 94

Table 18. Serum enzyme profiles in children and adult age groups. 98

Table 19. Serum AST levels in different age and sex groups. 101

Table 20. Serum ALT levels in different age and sex groups. 102
Table 21: Serum alkaline phosphatase levels in different age and sex groups.

Table 22: Serum acid phosphatase levels in different age and sex groups.

Table 23: Serum amylase levels in different age and sex groups.