ACKNOWLEDGEMENT

It is my proud privilege to complete this work under the able guidance of Dr. Asma Ali, Reader, Department of Mathematics, Aligarh Muslim University, Aligarh. She inspired, encouraged and guided me at all stages of my study. I express my indebtedness and obligation for her valuable suggestions, sympathetic criticism and all affectionate attention throughout the preparation of the present thesis. I very enthusiastically and respectfully offer my sincere thanks to her.

I feel highly honoured to put on record my profound thanks to Prof. M. A. Quadri, former Chairman, Department of Mathematics, Aligarh Muslim University, Aligarh, for his painstaking interest at all stages of my work. He tendered valuable suggestions which benefited me in my pursuit and enriched my work copiously. In fact, I do not find appropriate words to express my indebtedness for all that I have learnt and got from him.

I must express my heart-felt gratitude to Dr. Mohammad Ashraf, Reader in the Department, for his valuable advice, useful criticism and commendable encouragement throughout the completion of this work.

I feel highly obliged to Prof. M. Z. Khan, Chairman of the Department of Mathematics and other authorities / officials of Aligarh Muslim University, Aligarh, for providing me necessary facilities and financial assistance in the form of University Fellowship.

I also express my sincere thanks to Prof. S. M. A. Zaidi, Dr. Achlesh Kumari and Dr. Shabbir Khan for their encouragement, valuable suggestions
and all co-operations during my research work.

I am also grateful to my colleagues Dr. Nadeemur Rehman, Dr. Shadab Khan, Dr. Shakir Ali and Mr. Deepak Kumar for their time to time help and support.

I feel my words inadequate to express gratitude to my loving parents and other family members for their continuous encouragement, enthusiastic support, rare sacrifice and all time financial help without which it was not possible for me to devote myself to my research work with so much ease and comfort.

( Rekha Rani )