

## CONTENTS

|                                             | Page |
|---------------------------------------------|------|
| INTRODUCTION AND AIM OF THE WORK .....      | 1    |
| REVIEW OF LITERATURE .....                  | 3    |
| * Development of mitral valve .....         | 3    |
| * Anatomy of mitral valve .....             | 5    |
| * Physiology of mitral valve .....          | 9    |
| * Mitral valve disease .....                | 13   |
| * Mitral stenosis .....                     | 13   |
| * Mitral regurgitation .....                | 23   |
| * Mitral valve prolapse .....               | 41   |
| * Management of mitral valve diseases ..... | 44   |
| SUBJECTS AND METHODS .....                  | 46   |
| RESULTS .....                               | 49   |
| DISCUSSION .....                            | 73   |
| SUMMARY AND CONCLUSION .....                | 85   |
| REFERENCES .....                            | 87   |
| ARABIC SUMMARY .....                        |      |