Contents

Section 1: Exercise Book on Nursing Research

Exercise 1.	Learning Research	3
Exercise 2.	Competencies to Conduct Research	4
Exercise 3.	Information Requisite to Conduct Research	6
Exercise 4.	Research Types	11
Exercise 5.	Nursing Problems	14
Exercise 6.	Research Designs	16
Exercise 7.	Research Statements	17
Exercise 8.	Analyze Research Statements	18
Exercise 9.	Evaluate Research Statements	19
Exercise 10.	Rate Research Statements	20
Exercise 11.	Objectives	21
Exercise 12.	Variables	22
Exercise 13.	Extraneous Variables	25
Exercise 14.	Literature Review	26
Exercise 15.	Citing and Referencing	27
Exercise 16.	Referencing	28
Exercise 17.	Hypotheses	29
Exercise 18.	Nursing Theories	31
Exercise 19.	Double Blind Research Design	32
Exercise 20.	Sample Selection	33
Exercise 21.	Study Subjects	34
Exercise 22.	Communications to Study Subjects	37
Exercise 23.	Consent of Study Subjects	38
Exercise 24.	Delimitations	39
Exercise 25.	The Settings of Study	40
Exercise 26.	Time Required for Study	41
Exercise 27.	Standardized Tool	43
Exercise 28.	Tools	44
Exercise 29.	Manipulation of Research Statement	52
Exercise 30.	Crossover Design	54
Exercise 31.	Protocol Development	55
Exercise 32.	Types of Data	56
Exercise 33.	Data Collection	57

Exercise 34. Uses of Identification Data 58
Exercise 35. Identification Data 59
Exercise 36. Sociodemographic Data 60
Exercise 37. Socioeconomic Scales 61
Exercise 38. Uses of Sociodemographic Data 62
Exercise 39. Data Description 63
Exercise 40. Coding Keys 64
Exercise 41. Use of Excel Sheet 66
Exercise 42. Data Presentation 67
Exercise 43. Types of Data Interpretation 70
Exercise 44. Interpretation of Data 71
Exercise 45. References 72
Exercise 46. Writing Literature Review 74
Exercise 47. Research Process 76
Exercise 48. Analyzing Research Articles 77
Exercise 49. Statistical Packages 85
Exercise 50. Arrange the Data 86
Exercise 51. Measures of Central Tendency 88
Exercise 52. Calculate Central Tendency 89
Exercise 53. Dispersion of Data 90
Exercise 54. Use of the Data 92
Exercise 55. Presentation of the Data 93
Exercise 56. Data Analysis 95
Exercise 57. Summarize what is Learned 96

Section 2: Annexures

Annexure 1. Selected Statistical Symbols and Formulas 99
Annexure 2. Terminology Used in Research 102
Annexure 3. Steps of Research Process 111
Annexure 4. Synopsis for Research 112
Annexure 5. Steps of Report Writing 114
Annexure 6. Acquiring Knowledge 116
Annexure 7. Points to Think 117
Annexure 8. 'Research' 118
Nursing Research Syllabus of MSc, BSc and Post Basic BSc Nursing (As per INC) *121*