### First Year M. Sc. Nursing

**Subject**: Child Health Nursing  
**Faculty**: Mrs. D. Priya

<table>
<thead>
<tr>
<th>Unit</th>
<th>Hours</th>
<th>Content</th>
<th>Lesson in Hours</th>
<th>Lesson Series</th>
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</table>
| I    | 12    | **Introduction**:  
· Methods of acquiring knowledge – problem solving and scientific method.  
· Inductive and deductive reasoning  
· Research – definition, Characteristics, purposes, kinds of research  
· Historical Evolution of research in nursing  
· Basic research terms  
· Scope of nursing research : areas, problems in nursing, health and social research  
· Role of research in nursing  
· Evidence based practice  
· Ethics in research  
· Overview of Research process | 1 | 1 |
|      |       |         | 1 | 2 |
|      |       |         | 2 | 3-4 |
|      |       |         | 1 | 5 |
|      |       |         | 1 | 6 |
|      |       |         | 1 | 7 |
|      |       |         | 1 | 8 |
|      |       |         | 1 | 9 |
|      |       |         | 1 | 10 |
|      |       |         | 2 | 12 |
| II   | 5(T)+5(P) | **Review of Literature**  
* Importance  
purposes, scope  
sources  
criteria for selection of resources  
steps in reviewing literature | 1+1 | 13-14 |
|      |       |         | 1+1 | 15-16 |
|      |       |         | 1+1 | 17-18 |
|      |       |         | 1+1 | 19-20 |
|      |       |         | 1+1 | 21-22 |
| III  | 12    | **Research Approaches and designs**  
· Type: Quantitative and Qualitative  
· Historical, survey and experimental – Characteristics, types advantages and disadvantages  
· Qualitative: Phenomenology, grounded Theory, ethnography  
· Research designs, its importance , characteristics of good design  
· Threats to internal external validity | 2 | 23-24 |
|      |       |         | 2 | 25-26 |
|      |       |         | 1 | 27 |
|      |       |         | 2 | 28-29 |
|      |       |         | 1 | 30 |
|      |       |         | 2 | 31-32 |
|      |       |         | 2 | 33-34 |
| IV   | 10(T)+5(P) | **Research problem** :  
· Identification of research problem,  
· Sources of research problem | 1+2 | 35-37 |
<p>|      |       |         | 2 | 38-39 |</p>
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<thead>
<tr>
<th>Section</th>
<th>Chapter</th>
<th>Description</th>
<th>Pages</th>
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<tr>
<td></td>
<td>IV</td>
<td>Developing theoretical / conceptual framework</td>
<td></td>
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<td>V</td>
<td><strong>Sampling</strong></td>
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<td>VI</td>
<td>Tools and methods of Data collection: Concepts of data collection</td>
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<td></td>
<td>VII</td>
<td>Implementing research plan</td>
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<td></td>
<td>VIII</td>
<td>Analysis and interpretation of data</td>
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<td>IX</td>
<td>Reporting and utilizing research findings:</td>
<td></td>
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**Formulation of problem statement and research objectives**
- 1+1

**Definition of terms**
- 2

**Assumptions and delimitations and limitation**
- 1+1

**Identification of variables**
- 1+1

**Hypothesis – definition, formulation and types**
- 1+1

**Developing theoretical / conceptual framework**
- Theories: Nature, Characteristics, Purpose and uses
- 3+3

**Using, testing and developing conceptual framework, models and theories**
- 2+2

**Sampling**
- Population and sample
- 1

**Factors influencing sampling**
- 1

**Sampling techniques**
- 1

**Sample size**
- 1

**Probability and sampling Error**
- 1

**Problems of sampling**
- 1

**Tools and methods of Data collection**
- 4+2

**Data sources, methods/techniques quantitative and qualitative**
- 4+2

**Tools for data collection – types, characteristics and their Development**
- 4+2

**Validity and reliability of tools**
- 4+2

**Procedure for data collection**
- 4+2

**Implementing research plan**
- Pilot study, review research plan (design), planning for data collection, administration of tool / interventions, collection of data
- 3

**Analysis and interpretation of data**
- Plan for data analysis: quantitative and qualitative
- 2+2

**Descriptive and Inferential Analysis**
- 1+1

**Preparing data for computer analysis and presentation**
- 1+1

**Statistical analysis**
- 1+1

**Interpretation of data**
- 1+1

**Conclusion and generalizations**
- 2+2

**Summary and discussion**
- 2+2

**Reporting and utilizing research findings:**
- Communication of research results; oral and written
- 2

- Writing research report purposes, methods and style-Vancouver,
- American Psychological Association (APA), Campbell etc
- 2

- Writing scientific article for publication: purposes & style
- 2
Methods of Evaluation

- Quiz, Tests (term)
- Assignments / Term paper
- Review of literature of at least 20 Journals and 20 book - 50 marks
- Research Critiques- 50 marks
- Presentations- Presentation of two related researches 50 marks
- Project Work Project on topic of Interest 100 marks

Internal Assessment

<table>
<thead>
<tr>
<th>Technique</th>
<th>Weightage (15 marks)</th>
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<tr>
<td>Term Test – (2 tests)</td>
<td>40%</td>
</tr>
<tr>
<td>Assignment</td>
<td>20%</td>
</tr>
<tr>
<td>Presentation</td>
<td>20%</td>
</tr>
<tr>
<td>Project work</td>
<td>20%</td>
</tr>
<tr>
<td>Total</td>
<td><strong>100%</strong></td>
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Techniques Number

- Midterm  
  (30 (Research) + 20(Statistics) = 50 marks)
- Prefinal  
  (50 (Research) + 25(Statistics) = 75 marks)

Total Internal Assessment

15 (Research) + 10 (Statistics) = 25

Total External Assessment

50 (Research) + 25 (Statistics) = 75

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<thead>
<tr>
<th>XI</th>
<th>3+6</th>
<th>Critical analysis of research reports and articles</th>
<th>3+6</th>
<th>131-139</th>
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<tbody>
<tr>
<td>XII</td>
<td>4+7</td>
<td>Developing and presenting a research proposal</td>
<td>4+7</td>
<td>140-150</td>
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