

**2 0 1 8**

( March )

**NURSING RESEARCH & STATISTICS**

*Full Marks : 75*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

Answer **all** questions

FIRST HALF

1. 5+4+6=15  
(a) Identify the sources of nursing research problems.  
(b) List down the criteria to be considered while writing a problem statement.  
(c) Discuss the format of writing a problem statement.
2. Determine the purposes for the literature review. Discuss the various sources of literature review. 5+10=15
3. Write short notes of the following (*any four*) 5×4=20  
(a) Hypothesis  
(b) Variables  
(c) Ethical issues in nursing research  
(d) Observation methods  
(e) Probability sampling  
(f) True experimental research design

( Turn Over )

( 2 )

SECOND HALF

4. (a) What do you understand by measures of central tendency? 3  
(b) Describe the various measures of central tendency. Compute median for the following distribution: 6+6=12

<u>Wt. in Kg</u>	<u>Frequency</u>
70-74	2
65-69	4
60-64	9
55-59	12
50-54	11
45-49	10
40-44	2
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	N=50

5. Write short notes on (*any two*) 5+5=10  
(a) Histogram  
(b) Level of significance  
(c) Functions of descriptive statistics  
(d) Chi-square test

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