

NURSING RESEARCH AND STATISTICS

(Common for all specialties)

(2010 Scheme)

Time : 3 hrs

Max marks : 100

- Answer all questions.
- **Write Section A (52 Pages) and Section B (32 Pages) in separate answer books. Do not mix up questions from Section A and Section B.**
- Use only ordinary calculator.

Q.P.Code 103375 SECTION-A NURSING RESEARCH**Marks: 75****Essays**

1. Describe the characteristics of a qualitative research approach. Explain qualitative research design with suitable example. (5+15=20)
2. Describe the steps to be followed in development of an instrument for data collection with suitable example (15)
3. Define sample and explain non-probability sampling technique in detail with suitable examples (3+12=15)
4. Describe briefly the steps of literature search (10)

Short notes**(3x5=15)**

5. Characteristics of nursing research
6. Cronbach's alpha for reliability
7. Evidence based practice

Q.P.Code 104375 SECTION B - STATISTICS**Marks: 25****Essay**

1. Serum cholesterol level of 10 subjects before and after diet, exercise programme is given below. Do the data provide sufficient evidence to conclude that the diet exercise programme was effective in reducing serum cholesterol levels. Add table value for $df=9$ at 5% level of significance as 2.262". (Mark 10)

Subjects	Before	After
1	201	200
2	236	231
3	221	216
4	260	233
5	228	224
6	237	216
7	326	296
8	235	195
9	240	207
10	267	247

Short notes**(3x5=15)**

2. Describe measures of central tendency
3. Paired t test
4. Uses of statistical package
