

Uma

M.Sc. NURSING (PART-I) EXAMINATION, JULY 2010

Paper-II

ADVANCE NURSING PRACTICE

Time: Three Hours

45  
45  
M.M.: 75

Attempt any five questions. All questions carry equal marks.

- Q.1. a) What do you understand by professional organisation? (17)  
b) Enlist the names of professional organisations in nursing field. Discuss the role of TNAI for development of nursing profession in India.
- Q.2. a) Discuss the role of National Regulatory Body for nursing profession. (A)  
b) Discuss health care delivery at district level and the role of nurse in it.
- Q.3. a) Discuss how information and education helps to improve quality based care. (9)  
b) What is Tele Medicine? How it helps to provide effective care to the patient.
- Q.4. What is epidemiology? How will you collect health information during causation of disease. Discuss role of nurse in health surveillance.
- Q.5. Discuss role of nurse in prevention of infection and HIV. What standard safety measures will you follow in a surgical ward. (10)
- Q.6. What are alternative systems of health and complimentary therapies? Discuss their effectiveness and contribution to health status of the individual person.
- Q.7. Write short notes on any three of the following: (9)  
a) Growth and development of adolescent.  
b) Legal aspects in nursing.  
c) Importance of genetic counselling.  
d) Women empowerment and its effects.  
e) Use of computer in hospital management.

**M.Sc. NURSING (Part-I) EXAMINATION, JULY -2010**  
**Paper-IV**  
**NURSING RESEARCH AND STATISTICS**

Time: Three Hours

Max. Marks:75

Q.No. 1 from Part-A is compulsory. Attempt any two questions from the rest.  
 Q.No. 1 from Part-B is compulsory. Attempt any one question from the rest.

**SECTION-A**

Q.1. Discuss any three:

5x3=15

- a) Elements of Hypothesis.
- c) Ethical issues in nursing research.

- b) Significance of problem statement.
- d) Sources of literature

Q.2. Explain the term: Population, Sample, Element and representative sample.

Discuss different types of random sampling, using illustrations from nursing research.

5+10=15

Q.3. List different non-experimental research designs. Discuss one design in detail with examples.

5+10=15

Q.4. Discuss the observation techniques of data collection. How validity and reliability will be maintained?

5+10=15

Q.5. What are the characteristics of a good table? Give the general rules of tabulation.

5+10=15

**SECTION-B**

Q.1. From the following table calculate the t-value and answer the questions stated below:

Table-I

t = Test value for mean post test knowledge difference of experimental and control group.

| GROUP              | N  | X     | SD   | t |
|--------------------|----|-------|------|---|
| Experimental Group | 50 | 27.30 | 3.62 |   |
| Control Group      | 50 | 16.36 | 4.35 |   |

df = 98

$t \geq 2.63$

Source: To analyze the impact of self instructional module among B.Sc.(N) students.

- a) What are the dependent and independent variables.
- b) Give the rationale for the choice of statistical method
- c) State the possible null hypothesis
- d) Give your interpretation of the result.

4

4

2

2

Q.2. Discuss the important functions of statistics. What are the general considerations borne in mind for classification of data.

Q.3. Draw or present the following data by means of frequency polygon, Histogram and Ogive:

Rain Fall

Number of days

0 - 5

05

5 - 10

10

10 - 15

25

15 - 20

20

20 - 25

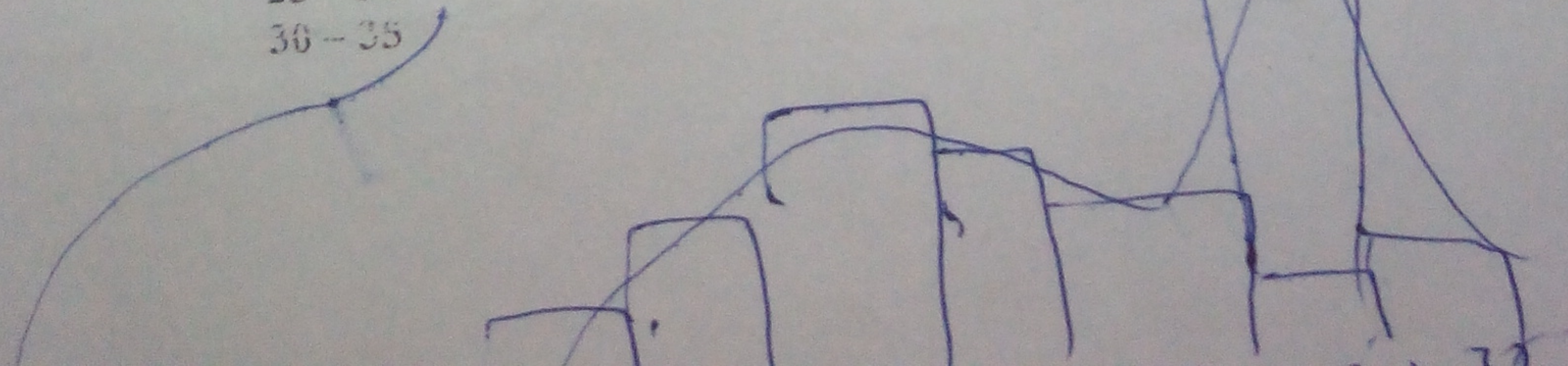
10

25 - 30

22

30 - 35

12



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M.Sc. NURSING ( Part-I ) EXAMINATION, JULY -2010

Paper-III

MEDICAL SURGICAL NURSING

Time: Three Hours

Max. Marks:75

Attempt any five questions. All questions carry equal marks.

*Nervous* Q.1. a) Define cerebro vascular accident. Explain the types or categories. 1

b) Enumerate the clinical manifestations. 2

c) Discuss the nursing management. 4

(7)

4+4+7=15

*Eye* Q.2. a) What is Glaucoma? Describe the types and clinical manifestations.

b) Outline the treatment.

c) Discuss the nursing management.

6+4+5=15

*Ear* Q.3. a) What is chronic otitis media? Write its clinical manifestations.

b) Outline the treatment modalities.

c) Discuss the specific nursing management after Mastoidectomy.

3+6+6=15

*Reproductive* Q.4. a) Enumerate the risk factors of cancer cervix. 3

b) List the clinical manifestations and outline the treatment modalities. 7

c) Explain the specific nursing management after total hysterectomy.

(10)

4+6+5=15

*Cardio* Q.5. a) Explain clinical manifestations of left heart failure. 5

b) Describe the medical treatment. 2

c) Discuss the nursing management. 5

(12)

5+4+6=15

*Respiratory* Q.6. a) Write the meaning and clinical manifestations of Chronic Obstructive Pulmonary Disease. 4

b) Discuss nursing management. 5

c) What health teaching you will give on Pulmonary Rehabilitation to the patient and family members. 4

(13)

4+6+5=15

*Ortho* Q.7. a) What is total hip replacement? List its indications. 2

b) Discuss the post operative nursing management. 3

c) What health education will you give to the patient and family members on discharge. 4

(9)

4+6+5=15