

MANIPAL UNIVERSITY**FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2011****SUBJECT: COMMUNITY HEALTH NURSING – II (BSN - 403)**

Tuesday, September 20, 2011

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

- ✍ **Answer ALL questions. Write clear, relevant and legible answers.**
✍ **Illustrate your answer with diagrams and flow charts wherever appropriate**

1. Choose the best answer for the following.

- 1A. National rural health mission was launched in the year
a) 2003 b) 2004 c) 2005 d) 2006
- 1B. Group on Medical Education and Support Man Power is popularly known as
a) Shrivastav committee b) Mukerji committee
c) Chadah committee d) Mudaliar committee
- 1C. Bagassosis is caused due to the inhalation of
a) Cotton fiber dust b) Sugar cane dust
c) Silica dust d) Grain dust
- 1D. Chalk and Talk method is also called as
a) Group discussion b) Demonstration
c) Panel discussion d) Lecture method
- 1E. Census will be taken at the interval of
a) 5 years b) 10 years c) 15 years d) 20 years
- 1F. Elements of Primary Health Care are all **except**
a) Proper nutrition b) Family planning
c) Basic sanitation d) Emergency care
- 1G. Testicular Self Examination is best performed
a) After bath b) Early morning
c) Before going to bed d) All of the above
- 1H. Prevention of Food Adulteration Act was passed in the year.
a) 1953 b) 1954 c) 1955 d) 1956
- 1I. Population coverage by PHC at hilly and tribal area is
a) 30,000 b) 15,000 c) 20,000 d) 25,000

- 1J. In Acute Respiratory Infections, yellow colour in colour code for treatment, indicates
- a) Urgent hospitalization b) Antibiotic therapy
c) Antibiotics and home care d) Home care
- 1K. National Filaria Control Programme was merged with malaria scheme in the year
- a) 1958 b) 1968 c) 1978 d) 1988
- 1L. Objective of National AIDS Prevention and Control policy, by the year 2007 is to bring about a transmission rate of
- a) 0% b) 0.5% c) 1% d) 5%
- 1M. The principle organs of WHO includes all except
- a) Executive Board b) Secretariat
c) World Health Assembly d) UN board
- 1N. International Council for Child Welfare was established in the year
- a) 1948 b) 1950 c) 1952 d) 1954
- 1O. Population covered by one community health centre is
- a) 80,000 to 1.20 lakh b) 70,000 to 1.0 lakh
c) 75,000 to 1.20 lakh d) 80,000 to 1.10 lakh

(1×15 = 15 marks)

2. Essay:

2A. Describe the Health organization system under the following levels:

- i) State ii) District

(6+6 = 12 marks)

2B. Explain the following National Health Programmes

- i) ICDS Programme
ii) National Nutritional Anemia Control Prophylaxis Programme

(6+7 = 13 marks)

3. Write short notes on the following:

3A. Major recommendations of Mudaliar committee.

3B. ESI Act.

3C. Uses of records and reports.

3D. Breast Self Examination.

3E. Role of nurses in activities of UNICEF.

3F. Elements of National Health Policy.

3G. Concept of "Well being".

(5×7 = 35 marks)



MANIPAL UNIVERSITY

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2011

SUBJECT: MIDWIFERY AND OBSTETRICAL NURSING (BSN - 401)

Thursday, September 22, 2011

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

Answer ALL questions.

1. Select the SINGLE BEST answer from the alternatives given below and write the answer in the test booklet.

1A. The family planning infrastructure includes:

- | | |
|-------------------------------|---------------------|
| a) Sub center | b) P.H.C. |
| c) District and state bureaus | d) All of the above |

1B. The mechanism of action of non medicated intrauterine contraceptive devices is:

- a) Inflammatory reaction of endometrium
- b) Cervical hostility
- c) Inhibition of maturation of follicle
- d) Inhibition of ovulation

1C. One of the following drug used in infertility treatment:

- | | | | |
|----------------|--------------|----------------|-----------------------|
| a) Ergometrine | b) Captopril | c) Misoprostol | d) Clomiphene citrate |
|----------------|--------------|----------------|-----------------------|

1D. The painless vaginal bleeding during last trimester is caused by:

- | | |
|----------------------|--------------------------------|
| a) Abruptio placenta | b) Frequent intercourse |
| c) Placenta previa | d) Excessive alcohol ingestion |

1E. The most common cause of fetal death in polyhydramin^{ios}es is:

- | | |
|------------------|--------------------------|
| a) Cord prolapse | b) Hydrops fetalis |
| c) Prematurity | d) Accidental hemorrhage |

1F. The chromosomal pattern in Klinefelter's syndrome is:

- | | | | |
|-----------|------------|------------|------------|
| a) 46, xy | b) 47, xxy | c) 45, xxy | d) 46, xxy |
|-----------|------------|------------|------------|

1G. The amount of fetal blood flow (in ml) per minute through the placenta is:

- | | | | |
|--------|--------|--------|--------|
| a) 200 | b) 300 | c) 400 | d) 500 |
|--------|--------|--------|--------|

1H. Aerobic organism responsible for puerperal sepsis is:

- | | |
|------------------------|-----------------------|
| a) Bacteroids | b) Klebscilla |
| c) Clostridium Welchii | d) Clostridium Tetany |

1I. The outlet forceps used for delivery of the baby:

- a) Wrigley's forceps
- b) Kielland's forceps
- c) Long curved forceps
- d) None of the above

1J. The drug given for fetal lung maturity in preterm infant is:

- a) Dexamethasone
- b) Salbutamol
- c) Duvadilan
- d) Aspirin

(1×10 = 10 marks)

2. Mrs. Seetha 16 weeks of gestation has come to the OPD for her first antenatal check up.

2A. Define antenatal care.

2B. Enumerate the objectives of antenatal care.

2C. Explain in detail the advices you will give Mrs. Seetha regarding antenatal care.

(1+2+7 = 10 marks)

3. Enumerate the difference between Abruption placenta and Placenta Previa

(10 marks)

4A. Define abortion.

4B. Explain the causes of abortion.

4C. Write nursing intervention for two prioritized nursing diagnosis with rationale.

(2+3+5 = 10 marks)

5. **Write short notes on each of the following:**

5A. NST and its interpretation.

5B. Fetal circulation.

5C. Immediate care of new born.

5D. Causes of malpresentation.

5E. Breast infections complicating puerperium.

5F. Barrier methods of contraception.

5G. Management of first stage of labor.

(5×7 = 35 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2011****SUBJECT: COMMUNICATION AND EDUCATIONAL TECHNOLOGY (BSN 206)**

Friday, September 23, 2011

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

Answer all the questions:**1. Choose the single best answer for the following.**

1A. Extended response is one of the type in:

- a) Essay questions b) Multiple choice questions
c) Short answers d) Observation checklist

1B. The following are the phases of microteaching **EXCEPT**:

- a) Evaluation b) Knowledge c) Skill d) Transfer

1C. The crisis intervention is limited to:

- a) 4 weeks b) 6 weeks c) 8 weeks d) 10 weeks

1D. Semantic differential scale is used to measure:

- a) Attitude b) Knowledge c) Practice d) All the above

1E. Adjustment of individuals towards some person, group or institution is referred to as:

- a) Motivation b) Belongingness c) Decision d) Attitude

1F. A tool used by the clinical teacher to note the comments on students performance during the clinical experience is:

- a) Anecdotal note b) Attitude scale c) Checklist d) Rating scale

1G. The type of questioning technique in which the learner can express their feelings, is:

- a) Close ended b) Cognitive c) Open ended d) Narrative

1H. An example for visual material is:

- a) Demonstration b) Radio c) Maps d) Study trips

1I. Meeting of individuals called together to engage in discussion with the aim of accomplishing a task with restricted time is known as:

- a) Demonstration b) Role play c) Seminar d) Conference

1J. A group of 10 to 25 persons who share a common interest or problem is called:

- a) Problem solving b) Role play c) Seminar d) Workshop

- 1K. A complex force that acts upon any group throughout its existence and cause to behave the way it does, is referred as:
- a) Group dynamics b) Group building c) Motivation d) Team work
- 1L. The element which act as a medium of communication is known as:
- a) Channel b) Feedback c) Message d) Receiver
- 1M. The degree to which the tool measures what it is intended to measure is referred to as:
- a) Objectivity b) Practicability c) Reliability d) Validity
- 1N. The model which gives an idea of an external form of an object is:
- a) Cross section model b) Scale model
c) Simplified model d) Working model
- 1O. The objective which is followed by all the institutions offering the same educational program is:
- a) General b) Intermediate c) central d) specific

(1×15 = 15 marks)

2. Explain communication under the following headings.

2A. Definition

2B. Purpose

2C. Methods of overcoming barriers

(2+3+7 = 12 marks)

3. Explain field trip under the following headings.

3A. Definition

3B. Values

3C. Procedure

(2+5+6 = 13 marks)

4. Write short notes on the following:

4A. Procedure of panel discussion.

4B. Factors influencing curriculum development in nursing education

4C. Principles of human relation.

4D. Therapeutic verses social relationship.

4E. Management of disciplinary problems in classroom.

4F. Types of charts.

4G. Purposes of evaluation.

(5×7 = 35 marks)



MANIPAL UNIVERSITY

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2011 SUBJECT: NURSING RESEARCH AND STATISTICS (BSN - 405)

Saturday, September 24, 2011

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

✍ Answer ALL questions. Write brief, clear, relevant and legible answers.

SECTION – A : NURSING RESEARCH (50 MARKS)

1. Discuss 'research problem' in terms of:

1A. Meaning

1B. Sources

1C. Criteria of evaluation

(2+4+9 = 15 marks)

2A. Describe the different types of research methods.

2B. Differentiate between Historical research and Experimental research.

(7+8 = 15 marks)

3. Write short notes on the following.

3A. Critiquing research problem.

3B. Content of research report.

3C. Biophysiological Measurements.

3D. Types of Variables.

(5×4 = 20 marks)

SECTION – B : STATISTICS (25 MARKS)

4. Define ordinal and nominal variable with an example each.

(3 marks)

5. The data gives the number of hours 45 hospital patients slept following the administration of a certain anesthetic. Construct frequency table (class intervals 1-4, 4-7, 7-10 and so on).

| | | | | | | | | |
|----|----|----|----|----|---|----|----|---|
| 7 | 10 | 12 | 4 | 8 | 7 | 3 | 8 | 5 |
| 12 | 11 | 3 | 8 | 1 | 1 | 13 | 10 | 4 |
| 4 | 5 | 5 | 8 | 7 | 7 | 3 | 2 | 3 |
| 8 | 13 | 1 | 7 | 17 | 3 | 4 | 5 | 5 |
| 3 | 1 | 17 | 10 | 4 | 7 | 7 | 11 | 8 |

(5 marks)

6. Construct a frequency polygon for the following data:

| | | | | | | |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Systolic Blood Pressure (mmHg) | 115 – 117 | 117 – 119 | 119 – 121 | 121 – 123 | 123 – 125 | 125 – 127 |
| Number of people | 16 | 21 | 30 | 25 | 20 | 17 |

(5 marks)

7A. Compute quartiles for the following data regarding the number of post operative days until diagnosis of the infection for each subject experiencing an infection.

16 10 49 15 6 15 8 19 11 22 13 17

7B. The following scores represent a nurses' assessment (X) and a physicians' assessment (Y) of the condition of 10 patients at time of admission to a trauma center. Determine the coefficient of correlation for the following data.

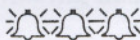
X: 18 13 18 15 10 12 8 4 7 3

Y: 23 20 18 16 14 11 10 7 6 4

(3+6 = 9 marks)

8. Write a note on stratified sampling.

(3 marks)



Reg. No.

MANIPAL UNIVERSITY

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2011

SUBJECT: MANAGEMENT OF NURSING SERVICES AND EDUCATION (BSN - 406)

Monday, September 26, 2011

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

Answer ALL questions.

1. Explain 'the management of nursing institution' in relation to the following:

- 1A. Selection and recruitment of faculty in a nursing school.
- 1B. Job description of Assistant Lecturer.
- 1C. Staff welfare facilities.

(5+5+5 = 15 marks)

2. Answer the following in relation to 'legal aspects in nursing practice'

- 2A. List the laws related to nursing practice.
- 2B. Enumerate the laws relating to Breach and penalties.

(7+8 = 15 marks)