

MANIPAL UNIVERSITY

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

SUBJECT: MIDWIFERY AND OBSTETRICAL NURSING (BSN - 401)

Friday, June 17 2011

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

✍ **Answer ALL questions.**

1. Select the SINGLE BEST answer from the alternatives given below.

1A. The weight of the placenta by term is:

- | | |
|--|---|
| a) $1/3^{\text{rd}}$ of wt. of the fetus | b) $1/2^{\text{nd}}$ of wt of the fetus |
| c) $3/4^{\text{th}}$ of wt of the fetus | d) $1/6^{\text{th}}$ of wt of the fetus |

1B. Net weight gain in pregnancy (in kgs) is:

- | | | | |
|-------|-------|-------|-------|
| a) 11 | b) 15 | c) 17 | d) 18 |
|-------|-------|-------|-------|

1C. Following are basic elements involved in the uterine contractile systems EXCEPT:

- | | |
|------------------------------------|-------------------|
| a) Enzyme adenosine triphosphatase | b) Actin |
| c) Myosin | d) Adenyl-cyclase |

1D. A predisposing factor which causes morning sickness during the first trimester of pregnancy is due to increased levels of:

- | | |
|-----------------------|---------------------------|
| a) Estrogen | b) Progesterone |
| c) Lutenising Hormone | d) Chorionic gonadotropin |

1E. The drug of choice in treatment of Eclampsia is:

- | | |
|-----------------------|----------------------|
| a) Magnesium sulphate | b) Nalaxone |
| c) Calcium gluconate | d) Protamin sulphate |

1F. The following are the complications of Rh iso-immunisation, EXCEPT:

- | | |
|---------------------|------------------|
| a) Hydrops foetalis | b) Kernicterus |
| c) Anemia | d) Post maturity |

1G. Duration of Lochia Serosa is:

- | | | | |
|--------------|-------------|-------------|---------------|
| a) 1- 4 days | b) 2-4 days | c) 5-9 days | d) 10-15 days |
|--------------|-------------|-------------|---------------|

1H. After birth, in a normal neonate the ductus arteriosus becomes:

- | | |
|---------------------|--------------------------|
| a) Venous ligament | b) Ligamentum venosum |
| c) Ligamentum teres | d) Ligamentum arteriosum |

11. The maneuver the nurse should use to determine fetal position is:

- a) Credes b) Leopold's c) Retgens d) Valsalva

11. The dose (in mg) of norgestrol and ethinyl estradiol in Mala N is

- a) 0.3 and 0.03 b) 0.8 and 0.03 c) 3.5 and 3.0 d) 3.0 and 3.0

(1×10 = 10 marks)

2A. Differentiate between contraction and retraction.

2B. Differentiate between cervical effacement and dilatation.

2C. Enumerate the components of Partograph and its advantages.

(2+2+6 = 10 marks)

3A. Define prolonged labor.

3B. List the predisposing factors of prolonged labour.

3C. Explain the nursing management of a woman with prolonged labor.

(2+3+5 = 10 marks)

4A. Define polyhydramnios.

4B. List the predisposing factors and causes of polyhydramnios.

4C. List two nursing diagnosis and plan care for a woman admitted with polyhydramnios at 37 weeks of gestation.

(2+3+5 = 10 marks)

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

5A. Forceps delivery.

5B. Complications of episiotomy.

5C. Post operative care of women with lower segmental caesarean section.

5D. Difference between constriction ring and retraction ring.

5E. Mechanism of Occipito posterior position.

5F. Causes of abortion.

5G. Advantages of breast feeding.

(5×7 = 35 marks)



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MANIPAL UNIVERSITY

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

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

Monday, June 20, 2011

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

✍ **Answer ALL questions.**

1. Explain 'supervision' in relation to the following.

1A. Meaning

1B. Techniques and tools

1C. Principles

(2+6+7 = 15 marks)

2. Answer the following in relation to 'communication process'.

2A. Describe the channels of communication.

2B. List the principles of communication.

2C. Explain the techniques of communication.

(5+5+5 = 15 marks)

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

3A. Various committees of a nursing institution.

3B. Physical facilities required for a nursing institution.

3C. Staff welfare facilities.

(5+5+5 = 15 marks)

4. **Write short notes on the following:**

4A. Any two theories of management.

4B. Role of administrator in budgeting process.

4C. Prepare an evaluation format for staff education programme.

4D. Current concepts and trends in nursing.

4E. Components of staff development programme.

(6×5 = 30 marks)



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

Tuesday, June 21, 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. The concept of health which emphasizes that health is a sound mind in a sound body in a sound family in a sound environment is
- i) Ecological concept ii) Holistic concept
iii) Physical concept iv) Psychosocial concept
- 1B. A Central advisory committee of health was established in
- i) 1927 ii) 1937 iii) 1948 iv) 1957
- 1C. The committee which gave importance to family planning programme is
- i) Mukerji ii) Chadah iii) Bhore iv) Kartar Singh
- 1D. Population coverage by community health centre is
- i) 80000-1.20 lakh ii) 70000-1.0 lakh
iii) 75000-1.20 lakh iv) 80000-1.10 lakh
- 1E. Methods of individual approach in health communication are all except
- i) Personal contact ii) Home visit
iii) Personal letters iv) Lecture
- 1F. According to aspects of school health service per capita space for students in a class room should not be less than
- i) 5sqft ii) 10sqft iii) 15sqft iv) 20sqft
- 1G. Primary health care was first proposed by
- i) Chadah committee
ii) Health survey and development committee
iii) Health survey and planning committee
iv) Shrivastav committee
- 1H. During menstruation, tampons should be changed frequently to prevent
- i) Toxic shock syndrome ii) Cancer
iii) DUB iv) Infection

- 1I. Prevention of Food Adulteration Act was enacted in the year
 i) 1953 ii) 1954 iii) 1955 iv) 1956
- 1J. The most suitable method of growth monitoring is
 i) Record maintaining ii) Growth charting
 iii) Daily weight checking iv) None of the above
- 1K. The Lippe's loop was first introduced in
 i) 1964 ii) 1965 iii) 1966 iv) 1967
- 1L. Minimum need programme was introduced in which five year plan
 i) 5th ii) 6th iii) 7th iv) 8th
- 1M. Integrated Child Developmental Scheme (ICDS) Programme beneficiaries should be below
 i) 3 years ii) 5 years iii) 6 years iv) 10 years
- 1N. Malaria eradication is an activity of
 i) FAO ii) ILO iii) UNDP iv) USAID
- 1O. The head quarters of Family Planning Association of India (FPAI) is in
 i) Bangalore ii) Delhi iii) Kolkata iv) Mumbai

(1×15 = 15 marks)

2. Essays:

2A. Describe the Health Care Organization system under following levels

- i) Village ii) District

(5+8 = 13 marks)

2B. Explain RCH Programme under following headings

- i) Package ii) Role of nurse

(7+5 = 12 marks)

3. Write short notes on the following:

3A. National Population Policy.

3B. Responsibilities of community health nursing personnel in Family Health Services.

3C. Components of School health services.

3D. Child abuse.

3E. Role of nurse in activities of UNICEF.

3F. Recommendations of Bhore committee.

3G. DOTS.

(5×7 = 35 marks)



MANIPAL UNIVERSITY

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

SUBJECT: NURSING RESEARCH AND STATISTICS (BSN - 405)

Thursday, June 23, 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. Explain Research under the following headings.

1A. Purposes

1B. Characteristics

1C. Scope of nursing research

(5+5+5 = 15 marks)

2. Describe Sampling in terms of

2A. Purposes

2B. Techniques of Non-probability sampling

(5+10 = 15 marks)

3. **Write short notes on the following:**

3A. Dependent variables with examples.

3B. Sources of review.

3C. Types of measurement as a Methods of data collection.

3D. ~~Critique~~ of research methodology.

(5×4 = 20 marks)

Guidelines for critiquing

SECTION – B : STATISTICS (25 MARKS)

4. Define qualitative and quantitative variable with an example each.

(3 marks)

5. Form a frequency table for the ages of 48 patients given below (class intervals 10-20, 20-30 and so on).

32	63	33	57	35	54	38	53	42	51	42	48
43	46	61	53	12	13	16	16	31	30	28	28
25	23	23	22	21	17	13	30	14	29	16	28
17	27	21	24	22	23	61	55	34	42	13	26

(5 marks)

6. Construct a histogram 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. Find the median and the interquartile range for the following data regarding the number of patients visiting a doctor's clinic on 11 days:

12 16 17 10 11 12 15 19 13 16 13

- 7B. Compute the rank correlation coefficient

X	92	89	87	86	83	77	71	63	53	50
Y	86	83	91	77	68	85	52	82	37	57

(4+5 = 9 marks)

8. Write a note on simple random sampling.

(3 marks)

