



1I. The major site of red cell production during fetus at term is:

- a) Spleen
- b) Bone marrow
- c) Liver
- d) Yolk sac

1J. A localized edema or collection of fluid on the fetal scalp that develops during labor:

- a) Crowning
- b) Cephalhematoma
- c) Moulding
- d) Caput succedaneum

(1×10 = 10 marks)

2. Explain the physiological changes occurring during pregnancy under the following headings:

2A. Changes in reproductive system

2B. Changes in cardiovascular system

(5+5 = 10 marks)

3A. Write the causes of onset of labor.

3B. Describe premonitory stage of labor.

3C. Explain the management of a women in normal labor.

(2+3+5 = 10 marks)

4. Describe the signs and symptoms of multiple pregnancy and its effects on mother and fetus.

(10 marks)

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

5A. Causes of infant mortality

5B. Diameters of fetal skull

5C. Legal aspects in midwifery nursing

5D. Displacement of uterus

5E. Causes of female infertility

5F. Nurses responsibility during vaccum delivery

5G. Causes of prolonged labour

(5×7 = 35 marks)



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## MANIPAL UNIVERSITY

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – MAY 2012

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

Wednesday, May 23, 2012

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

✍ **Answer ALL questions.**

1. Answer the following in relation to 'theories of motivation in an organizational behavior'.
  - 1A. Explain Frederic Herzberg's Two factor theory.
  - 1B. List the factors that leads to high job satisfaction in an organization.

(4+11 = 15 marks)
  
2. Explain 'staff development' under the following headings:
  - 2A. Meaning
  - 2B. Areas
  - 2C. Staff development model

(2+4+9 = 15 marks)
  
3. Answer the following in relation to 'nursing as a profession':
  - 3A. Enumerate the aims and objectives of a professional nurse
  - 3B. Role of a professional nurse

(5+10 = 15 marks)
  
4. **Write short notes on the following:**
  - 4A. F. W. Taylor's scientific theory of management
  - 4B. Procurement in material management
  - 4C. Functions of continuing nursing education programmes
  - 4D. Organization of learning experience
  - 4E. Role of Nurse administrator in collective bargaining

(6×5 = 30 marks)





# MANIPAL UNIVERSITY

## FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – MAY 2012

### SUBJECT: NURSING RESEARCH AND STATISTICS (BSN - 405)

Friday, May 25, 2012

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

#### SECTION – A : NURSING RESEARCH (50 MARKS)

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

1. A study to assess the knowledge, attitude and remedial measures adopted by menopausal women of Udupi district. Apply research process in terms of:

1A. State the objectives

1B. Write research methodology

(5+10 = 15 marks)

2. Explain Sampling technique under the following headings:

2A. Cluster sampling

2B. Convenience sampling

2C. Sampling error and sampling bias

(5+5+5 = 15 marks)

3. Write short notes on the following:

3A. Characteristics of scientific method

3B. Co relational survey

3C. Likert scale

3D. Purposes of communication of research findings

(5×4 = 20 marks)

#### SECTION – B : STATISTICS (25 MARKS)

☞ Answer ALL questions.

4. Differentiate between discrete and continuous variable with an examples.

(3 marks)

5. Following are the emergency room charges for 25 patients. Construct a frequency table.

(Class intervals 170-180, 180-190, 190-200 and so on).

249.10	202.50	222.20	214.40	205.90
214.30	195.10	213.30	225.50	191.40
201.20	239.80	245.70	213.00	238.80
171.10	222.00	212.50	201.70	184.90
248.30	209.70	233.90	229.80	217.90

(5 marks)

6. Construct a bar chart for the following data:

<b>Number of previous pregnancies</b>	0	1	2	3	4
<b>Number of women</b>	18	27	31	19	5

(5 marks)

7. Two samples of cholesterol measurements on a given person using Autoanalyser and Microenzymatic measurement technique are given below.

Compute the variability in the methods using coefficient of variation.

Autoanalyser(mg/dL)	177	193	195	209	226
Microenzymatic(mg/dL)	192	197	200	202	209

(9 marks)

8. Write a note on systematic sampling.

(3 marks)



# MANIPAL UNIVERSITY

## FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – MAY 2012

### SUBJECT: COMMUNITY HEALTH NURSING – II (BSN - 403)

Saturday, May 26, 2012

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. Time limit for registering births is within

- i) 21 days
- ii) 10 days
- iii) 7 days
- iv) 14 days

1B. Ground glass appearance in X-ray is seen in

- i) Silicosis
- ii) Bagassosis
- iii) Farmer's lung
- iv) Asbestosis

1C. Person responsible for collecting vital statistics at central level is

- i) Registrar general
- ii) School teacher
- iii) Directors health services
- iv) Health officials

1D. India has crossed 1 billion population in the year

- i) 2000
- ii) 2001
- iii) 2002
- iv) 2003

1E. Nutritional blindness is also called as

- i) Xerophthalmia
- ii) Keratomalacia
- iii) Bitot's spot
- iv) Blepharitis

1F. Rural health scheme was launched in the year

- i) 1970
- ii) 1960
- iii) 1980
- iv) 1990

1G. Primary health care was first proposed by which committee?

- i) Chadah
- ii) Bhore
- iii) Shrivastav
- iv) Mudaliar

1H. Major signs of acute respiratory infection is

- i) Ear problem
- ii) Chest pain
- iii) Headache
- iv) Body pain

1I. The goal of National population policy 2000 is to reduce IMR below

- i) 20%
- ii) 30%
- iii) 40%
- iv) 50%



- 1J. Which committee has given the importance for "Malaria Eradication Programme"?
- i) Chadah committee
  - ii) Shrivastav committee
  - iii) Bhore committee
  - iv) Mukerji committee
- 1K. India was declared small pox free in the year
- i) 1965
  - ii) 1975
  - iii) 1985
  - iv) 1995
- 1L. Panchayat Raj institution at district level is
- i) Panchayat Samiti
  - ii) Zila Parishad
  - iii) Panchayat
  - iv) Tehsils
- 1M. Total Number of staff in one PHC
- i) 15
  - ii) 10
  - iii) 20
  - iv) 12
- 1N. Farmer's lung is caused by inhalation of
- i) Grain dust
  - ii) Coal dust
  - iii) Cotton fibre
  - iv) Cane fibre
- 1O. Elements of Primary health care are all except
- i) Proper nutrition
  - ii) Family planning
  - iii) Basic sanitation
  - iv) Emergency care
- (1×15 = 15 marks)

## 2. ESSAYS

- 2A. Explain ICDS programme under the following heading:
- i) Objectives
  - ii) Components
  - iii) Functions of Anganwadi workers under ICDS
- (4+4+5 = 13 marks)
- 2B. Explain Anti Malaria programme under following:
- i) Modified plan of operation
  - ii) Malaria control through primary health care
  - iii) Role of community health nurse
- (2+4+6 = 12 marks)

## 3. Write short notes on the following:

- 3A. Objectives of 11<sup>th</sup> five year plan
  - 3B. ESI Act
  - 3C. Principles of home visit
  - 3D. Collection and disposal of waste at community
  - 3E. National health agencies
  - 3F. Changing Concept of Health
  - 3G. Prevention and control of STD's
- (5×7 = 35 marks)

