

MANIPAL UNIVERSITY

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

SUBJECT: MIDWIFERY AND OBSTETRICAL NURSING (BSN - 401)

Tuesday, September 18, 2012

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. Calcium requirement during pregnancy is:

- a) 1000gms b) 1200gms c) 1500gms d) 2000gms

1B. The anatomical position of the uterus is:

- a) Anteverted position b) Anteverted antiflexed
c) Retroverted d) Inverted

1C. Bartholin's gland is situated in:

- a) Uterus b) Fallopian tube c) Vagina d) Cervix

1D. Fetal movements felt by the mother for the first time is known as:

- a) Ballottement b) Engagement c) Lightening d) Quickening

1E. The developmental stage during the 6th week of gestation is known as:

- a) Fetus b) Zygote c) Embryo d) Blastocyst

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

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

1G. The percentage of protein content in Colostrum is:

- a) 8.6 b) 7.5 c) 1.2 d) 8.7

1H. Retention of urine in the bladder during postpartum period is likely to cause:

- a) Bladder atony b) Infection of the bladder
c) Diaphoresis following delivery d) Postpartum bleeding

1I. The MTP Act was passed in:

- a) 1974 b) 1971 c) 1968 d) 1973

1J. 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

(1×10 = 10 marks)

2A. Discuss the types, advantages and disadvantages of episiotomy.

2B. Explain the types and mechanism of separation of placenta.

(5+5 = 10 marks)

3. Explain the following under Hyperemesis Gravidarum

3A. Meaning

3B. Signs and symptoms

3C. Two prioritized nursing diagnosis using nursing process

(2+3+5 = 10 marks)

4. Mrs. Madhu, G₄ P₂ A₂ L₁ came to the labor room at 39 weeks of gestation with acute pain and bleeding per vagina. On examination she was diagnosed to have rupture of uterus.

4A. Define rupture of uterus.

4B. List the causes of rupture of uterus.

4C. Differentiate between complete and incomplete rupture of the uterus.

(2+4+4 = 10 marks)

5. Write short notes on each of the following:

5A. Abnormalities of placenta.

5B. Secondary PPH.

5C. Trends in midwifery nursing.

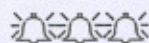
5D. Indications for forceps delivery.

5E. Preconception care and counseling.

5F. Role of a nurse in administration of obstetric drugs.

5G. Physiology of lactation.

(5×7 = 35 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2012****SUBJECT: MANAGEMENT OF NURSING SERVICES AND EDUCATION (BSN - 406)**

Thursday, September 20, 2012

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

✍ Answer ALL questions.

1. Answer the following in relation to 'planning'

1A. Meaning

1B. Components

1C. Planning cycle with an example

(2+3+10 = 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)

3A. What do you mean by recruitment?

3B. List the sources of recruitment with two examples each.

3C. Explain the method of recruitment of faculty in a nursing institution with suitable example.

(2+4+9 = 15 marks)

4. Write short notes on the following:

4A. Any three functions of management.

4B. Quality assurance model.

4C. Principles of adult learning.

4D. Current concepts and trends in nursing.

4E. Nurse Administrator's role in collective bargaining.

(6×5 = 30 marks)



MANIPAL UNIVERSITY

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

SUBJECT: NURSING RESEARCH AND STATISTICS (BSN - 405)

Friday, September 21, 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. Researcher would like to undertake a study to assess Knowledge and Attitude of adolescent girls towards reproductive health in selected villages of Udupi district.

1A. State the objectives of the study

1B. Formulate hypothesis

1C. Identify the variables and population in the study

(6+6+3 = 15 marks)

2A. Explain the characteristics research instrument (tool).

2B. List the advantages of Interview technique.

(10+5 = 15 marks)

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

3A. Purposes of research.

3B. Solomon four group design.

3C. Quota sampling.

3D. Guidelines for writing research report.

(5×4 = 20 marks)

SECTION – B : STATISTICS (25 MARKS)

4. Differentiate between discrete and continuous variable with examples.

(2 marks)

5. Following are Serum cholesterol (mmol/L) levels measured on a sample of 45 stroke patients. Construct frequency table along with relative frequencies using the class intervals, 3.0 – 4.0, 4.0 – 5.0, 5.0 – 6.0, so on

3.7	4.8	5.4	5.7	6.3	6.8	7.4	7.8	8.9
3.8	4.9	5.5	5.9	6.4	6.8	7.5	8.2	9.3
4.5	5.1	5.5	6.0	6.4	7.0	7.5	8.3	9.5
4.7	5.2	5.6	6.1	6.5	7.2	7.6	8.6	10.2
4.8	5.3	5.6	6.2	6.7	7.3	7.7	8.7	10.4

(4 marks)

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6. Construct a bar chart for the following data:

Blood Group	O	A	B	AB
Number of persons	180	80	200	140

(4 marks)

7. What are the parameters of normal distribution? What percent of the observations lie within two standard deviation from the mean?

(2 marks)

8. 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

(8 marks)

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

X:	13	15	18	12	4	3
Y:	20	16	18	11	7	4

(3 marks)

10. Give the test statistic for performing an independent t test.

(2 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2012****SUBJECT: COMMUNITY HEALTH NURSING – II (BSN - 403)**

Saturday, September 22, 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. The traditional concept of health is

- a) Psychological b) Ecological
c) Holistic d) None of the above

1B. Health Services and Development Committee is also called as

- a) Bhore committee b) Mudaliar committee
c) Chadah committee d) Mukerji committee

1C. The Central Advisory Committee of Health was established in

- a) 1936 b) 1938 c) 1937 d) 1939

1D. The principle organs of WHO includes all except

- a) Executive Board b) Secretariat
c) World Health Assembly d) UN board

1E. Population coverage by PHC at hilly and tribal area is

- a) 30,000 b) 15,000 c) 20,000 d) 25,000

1F. Byssinosis is caused by the inhalation of

- a) Cotton dust b) Cane fiber c) Cotton fiber d) Coal dust

1G. The frequency of home visit by the health worker for infants should be once in

- a) 3 months b) 4 months c) 5 months d) 6 months

1H. Suitable period for BSE in menstruating women is

- a) Before menstruation b) One day in month
c) One week after menstruation d) During menstruation

1I. Major sign of Acute Respiratory Infection is

- a) Ear problem b) Chest pain c) Headache d) Body pain

- 1J. Malaria action plan was launched in the year
a) 1965 b) 1975 c) 1985 d) 1995
- 1K. Strategies of National Acute respiratory infection control programme are all except
a) Standard care management
b) Continued coverage of Universal Immunization Programme
c) Decrease use of antibiotic
d) Active surveillance
- 1L. GOBI -FFF campaign is an activity of
a) UNICEF b) UNDP c) UNESCO d) FAO
- 1M. Indian Red Cross formed in the year
a) 1980 b) 1920 c) 1940 d) 1960
- 1N. The minimum number of antenatal visits covered during the entire period of pregnancy is
a) 2 visit b) 3 visit c) 4 visit d) 5 visit
- 1O. "Pre-conception and prenatal diagnostic technique act" was launched in the year
a) 1994 b) 1996 c) 1998 d) 2002
- (1×15 = 15 marks)

2. Essay:

- 2A. Explain health education under following headings
i) Principles ii) Scope
(6+6 = 12 marks)
- 2B. Explain the following National Health Programmes
i) ICDS programme ii) Mid day meal programme
(6+7 = 13 marks)

3. Write short notes on the following:

- 3A. Health problems in India.
3B. Occupational diseases.
3C. Responsibilities of community health nurse in Management of Information System.
3D. Female foeticide.
3E. Indian Red Cross Society.
3F. Kartar Singh Committee.
3G. National Malaria Eradication Programme.
- (5×7 = 35 marks)

