

MANIPAL ACADEMY OF HIGHER EDUCATION
FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2019
SUBJECT: BSN 405 – NURSING RESEARCH AND STATISTICS

Tuesday, June 18, 2019

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

- ✍ **Answer ALL the questions.**
- ✍ **Write clear, relevant and legible answers.**

SECTION A: NURSING RESEARCH (50 MARKS)

1. **Explain “research problem” under the following headings:**

- 1A. Sources
- 1B. Steps of formulation of research problem

(8+7 = 15 marks)

2. **Answer the following in relation to “sampling”:**

- 2A. Differentiate between probability and non-probability sampling techniques
- 2B. Types of non-probability sampling techniques with examples

(5+10 = 15 marks)

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

- 3A. Need for nursing research
- 3B. Steps of review of literature
- 3C. Criteria for communicating the research findings
- 3D. Interview technique as method of data collection

(5 marks × 4 = 20 marks)

SECTION B: STATISTICS (25 MARKS)

4. Enlist the levels of data with examples.

(2 marks)

5. Construct a frequency polygon for the following data set

Age group	20-24	25-29	30-34	35-39	40-44	45-49
Frequency	8	15	19	7	11	16

(4 marks)

6. Construct a pie diagram for the following showing occupational status of antenatal mothers attending a antenatal clinic

Occupational status	Percentage
Home makers	35%
Government employees	40%
Private employees	20%
Self employed	5%

(4 marks)

7. Draw a neat diagram of normal probability curve and represent the area of ± 2 standard deviation.

(2 marks)

8. Following are the marks obtained by 11 students in psychology. Calculate quartiles and inter-quartile range.

86 68 56 77 92 98 67 77 59 88 64

(8 marks)

9. List the steps of testing null hypothesis.

(3 marks)

10. Uses of graphical representation of data.

(2 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2019
SUBJECT: BSN 406 - MANAGEMENT OF NURSING SERVICES AND EDUCATION

Thursday, June 20, 2019

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

✍ **Answer ALL the questions.**

1. **Explain ‘Human resource management for a hospital’ under the following headings:**

1A. Steps in recruitment process

1B. Orientation plan for a newly joined staff nurse to adult medical unit

(10+5 = 15 marks)

2. **Explain the following in relation to ‘School of nursing’:**

2A. Student selection and admission criteria

2B. Student welfare facilities

2C. Staff requirement with qualification for yearly intake of 30 students

(4+4+7 = 15 marks)

3A. Explain the process of controlling with relevant examples.

3B. Describe the role of a nurse manager in audit.

(9+6 = 15 marks)

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

4A. Concepts of nursing management

4B. Leadership styles

4C. Steps in planning in-service education programme

4D. Legal safeguards in nursing

4E. Role of publication in professional advancement

(6 marks × 5 = 30 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2019
SUBJECT: BSN 401 - MIDWIFERY AND OBSTETRICAL NURSING (ESSAY)

Saturday, June 22, 2019

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

- ✍ **Answer ALL the questions.**
- ✍ **Use Illustrations/Diagram wherever appropriate.**

1. Mrs. A, 28 years old primigravida at 38 weeks of gestation got admitted in labour theatre with labour pain. Explain the following in relation to labour.

- 1A. Stages of labour
- 1B. Physiology taking place during first stage of labour

(4+6 = 10 marks)

2. Mrs. Y underwent caesarean section with the indication of CPD. She was shifted to the ward after 24 hrs. of caesarean section.

- 2A. Describe nursing intervention for Mrs. Y during first 3 days of puerperium.
- 2B. Explain the process of involution of the uterus.

(6+4 = 10 marks)

3. Mrs X, a primigravida woman at 6 weeks of gestation got admitted with the complaints of bleeding per vagina and lower abdominal pain. She was diagnosed to have abortion.

- 3A. Enumerate the types of abortion.
- 3B. List the nursing intervention with rationale.

(4+6 = 10 marks)

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

- 4A. Trends in Midwifery and Obstetrical Nursing
- 4B. Causes of Maternal mortality
- 4C. Physiology of lactation
- 4D. Causes of female infertility
- 4E. Causes of postpartum hemorrhage
- 4F. Essential newborn care

(5 marks × 6 = 30 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2019
SUBJECT: BSN 403 – COMMUNITY HEALTH NURSING - II (ESSAY)

Monday, June 24, 2019

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

1. **Explain the Health System in India under the following headings:**

- 1A. Organization and functions of Directorate General of Health Services at central level.
- 1B. Panchayati Raj institutions at district level.

(7+6 = 13 marks)

2. **Explain Primary Health Care under the following headings:**

- 2A. Elements
- 2B. Principles

(6+6 = 12 marks)

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

- 3A. Principles of community health nursing (any ten)
- 3B. Recommendations of Mudaliar Committee
- 3C. Principles of a home visit
- 3D. Evidence-based approach in community health
- 3E. Uses of the growth chart
- 3F. Treatment regimen in Directly Observed Treatment Short-course (DOTS)
- 3G. Functions of the World Health Organization

(5 marks × 7 = 35 marks)

