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MANIPAL UNIVERSITY

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017

SUBJECT: BSN 405 – NURSING RESEARCH AND STATISTICS

Saturday, June 17, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

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

SECTION – A : NURSING RESEARCH (50 MARKS)

1. A research study proposes to determine adolescents' attitude towards ban on mobile phones usage in the college campus. Discuss the steps to be involved to complete the study. (15 marks)

2A. Define Questionnaire.

2B. Describe any four types of questionnaire with examples.

2C. Describe the steps in developing questionnaire.

(2+6+7 = 15 marks)

3. Write short notes on the following:

3A. Identification of problem area

3B. Physiological measurements

3C. Guidelines for writing a research report

3D. Characteristics, merits and demerits of experimental design

(5 marks × 4 = 20 marks)

SECTION – B: STATISTICS (25 MARKS)

4. Explain the Discrete and continuous variables with example.

(2 marks)

5. Following are the scores of 20 students in Bio-chemistry. Construct frequency table along with relative frequencies using class interval of 5 units

70 80 92 102 73 87 70 85 79 93 82 90 83 81 85 72 81 96 81 85

(4 marks)

6. Construct bar diagram for the following data:

| | |
|------------------|----|
| Anxiety | 60 |
| Stress | 22 |
| Anxiety & Stress | 18 |

(4 marks)

7. Discuss the characteristics of Normal Probability Curve. (2 marks)
8. Incubation period of 9 polio cases are as given: 15, 20, 24, 16, 17, 21, 18, 19, 21...
- 8A. Calculate the Mean incubation period and Median.
- 8B. Write two advantages and disadvantages each of mean and median. (4 marks \times 2 = 8 marks)
9. Compute the correlation coefficient from the following data and interpret the results:
- | | | | | | |
|---|----|---|----|----|----|
| X | 2 | 8 | 10 | 12 | 13 |
| Y | 10 | 6 | 7 | 5 | 4 |
- (3 marks)
10. List the uses of Chi square test. (2 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 403 – COMMUNITY HEALTH NURSING - II (ESSAY)**

Monday, June 19, 2017

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

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

1. Discuss the “**Maternal and Child Health**” in the following headings:

- 1A. Strategies of RCH Phase - II
- 1B. MTP Act

(8+5 = 13 marks)

2. Describe the “**Home visits**” under the following headings:

- 2A. Principles
- 2B. Purpose
- 2C. Technique

(5+3+4 = 12 marks)

3. **Write short answers to each of the following:**

- 3A. Goals of National Health Policy - 2002
- 3B. Health Problems in India
- 3C. Epidemiological based approach in public health
- 3D. Functions of Multipurpose health worker (Female)
- 3E. Food Adulteration Act
- 3F. Services provided under ICDS
- 3G. Functions of UNICEF

(5 marks × 7 = 35 marks)



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MANIPAL UNIVERSITY

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017

SUBJECT: BSN 401 - MIDWIFERY AND OBSTETRICAL NURSING (ESSAY)

Wednesday, June 21, 2017

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

- 1A. Enumerate the subjective symptoms experienced by the mother during first trimester.
1B. Describe the objective signs observed in the pregnant woman during first trimester.
(5+5 = 10 marks)

2. Mrs. Y, on 5th postnatal day, complains of pain and fullness in the breast and diagnosed to have breast engorgement. Also she enquires the nurse about exercises that can be done after delivery. Based on the scenario, answer the following questions:

- 2A. Physiology of lactation
2B. Preventive measures for breast engorgement for Mrs. Y
2C. Postnatal exercises to be taught to Mrs. Y
(2+4+4 = 10 marks)

3. Mrs. X, a 26 year old G3P1L1A1 (33 weeks gestation) woman comes to labour room with the complaints of breathlessness and pain abdomen. Per abdominal examination, symphysio-fundal height is 39cms and abdominal girth is 112cms and diagnosed to have polyhydramnios. Answer the following in relation to this:

- 3A. Causes to be elicited in Mrs X
3B. Explain the nursing interventions to be performed to Mrs X.
(5+5 = 10 marks)

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

- 4A. Legal aspects in obstetrical nursing
4B. Functions of the placenta
4C. Advantages of breast feeding
4D. Role of nurse in family welfare services
4E. Management of atonic postpartum haemorrhage
4F. Causes of contracted pelvis

(5 marks × 6 = 30 marks)



Reg. No.

MANIPAL UNIVERSITY

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017

SUBJECT: BSN 406 - MANAGEMENT OF NURSING SERVICES AND EDUCATION

Friday, June 23, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

Answer ALL questions.

- 1A. Explain the purposes of records and reports.
 - 1B. List the types of records maintained in a School of nursing.
 - 1C. Describe the role of nurse administrator in maintaining records and reports.
- (4+4+7 = 15 marks)

2. Explain the following in relation to 'Team nursing':
 - 2A. Meaning
 - 2B. Any **five** merits
 - 2C. Any **two** demerits
- (1+10+4 = 15 marks)

- 3A. State the meaning of budget.
 - 3B. List the principles of budget.
 - 3C. Explain the steps involved in budgetary process.
- (2+3+10 = 15 marks)

4. Write short notes on the following:

- 4A. Purposes and steps in collective bargaining
 - 4B. Role of nurse administrator in staff development
 - 4C. Functions of INC
 - 4D. Bureaucratic theory by Carl Marx
 - 4E. Qualities of a public relations officer
- (6 marks × 5 = 30 marks)

