

**MANIPAL UNIVERSITY****FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016****SUBJECT: BSN 401 - MIDWIFERY AND OBSTETRICAL NURSING (ESSAY)**

Monday, June 13, 2016

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

**✍ Answer ALL the questions.**

- 1A. List the probable, presumptive and positive signs of pregnancy.  
1B. Enumerate the minor discomforts experienced during pregnancy. (6+4 = 10 marks)
2. Mrs. X, 24 years old primi mother underwent vaginal delivery 24 hours before and shifted to the postnatal ward. Nurse advised her to feed her baby. Immediately Mrs. X replied that I have tried and there is no milk. Based on the scenario answer the following questions:  
2A. Describe the education need to be given to Mrs X on breastfeeding  
2B. Enumerate the nursing interventions to Mrs. X, and her baby for first 48 hours of care (3+7 = 10 marks)
3. Mrs. A brought to labour room with complaints of high grade fever, purulent vaginal discharge since one week. She had a history of miscarriage and D & C not performed. On examination offensive brownish discharge seen per vaginum and has 101<sup>0</sup> F temperature. She is diagnosed to have septic abortion.  
3A. Enumerate the causes of her condition  
3B. Explain the Clinical features that you will elicit in Mrs A  
3C. Discuss Immediate management for Mrs. A for the above mentioned condition (1+3+6 = 10 marks)
4. **Write short notes on the following:**  
4A. Causes of maternal mortality  
4B. Importance of placenta during pregnancy  
4C. Postnatal exercises  
4D. Risk factors, signs and symptoms of sub involution  
4E. Minor disorders of new-born (any two)  
4F. Causes of postpartum haemorrhage (5 marks × 6 = 30 marks)



**MANIPAL UNIVERSITY****FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016****SUBJECT: BSN 403 – COMMUNITY HEALTH NURSING - II (ESSAY)**

Wednesday, June 15, 2016

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

- ✍ **Answer ALL questions.**
- ✍ **Illustrate answers wherever applicable.**
- ✍ **Draw tables or flow charts wherever applicable.**

1. Explain the following in relation to Maternal and Child Health (MCH) services:

- 1A. Antenatal care
- 1B. MTP Act

(8+4 = 12 marks)

2. Describe the following in relation to job functions of health personnel:

- 2A. Health Assistants
- 2B. Medical Officer of Primary Health Center

(8+5 = 13 marks)

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

- 3A. Cold chain maintenance
- 3B. Health problems in India
- 3C. Recommendation of Chadah Committee
- 3D. Uses of Health Information
- 3E. Janani Shishu Suraksha Yojana
- 3F. Structure of World Health Organization (WHO)
- 3G. Advantages of home visit

(5 marks × 7 = 35 marks)



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## MANIPAL UNIVERSITY

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016

SUBJECT: BSN 405 – NURSING RESEARCH AND STATISTICS

Friday, June 17, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

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

✍ Answer ALL the questions.

✍ Write brief, clear, relevant and legible answers.

1. A research study proposes to determine the female health care workers knowledge and practice regarding Breast Self-Examination. Discuss the steps to be involved to complete the study.

(15 marks)

2A. Meaning of Validity.

2B. Describe with examples, the methods of judging validity.

2C. Factors influencing Validity (explain any four).

(2+9+4 = 15 marks)

3. Write short notes on the following:

3A. Characteristics of good research

3B. Sources and steps of Historical research

3C. Explain Quota and Snowball sampling with examples

3D. Writing research report

(5 marks × 4 = 20 marks)

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

4. Differentiate between nominal and ordinal variables with examples.

(2 marks)

5. Following are the weights of 40 BSc students. Construct a frequency table with cumulative frequency and percentage. (class intervals 30-35, 35-40, 40-45 and so on)

68	44	57	69	63	65	51	47	42	43
74	49	36	51	38	37	48	50	58	61
44	54	64	55	65	78	45	59	46	39
47	57	67	74	35	34	59	60	69	40

(4 marks)

6. Construct a frequency polygon for the following data:

Systolic blood Pressure (mmHg)	90-110	110-130	130-150	150-170	190-210	210-230
Number of people	13	76	27	12	8	5

(4 marks)

7. Provide the details of properties related to mean, standard deviation and reference range of normal probability curve.

(2 marks)

8. Find the median, quartiles and mean for the following data:

12	16	17	10	11	12	15	19	13	16	13
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(4 marks)

9. The following data is the weight (Kgs) of 100 students. Estimate its Standard deviation and coefficient of variation.

Weight (kgs)	40 – 50	50 – 60	60 – 70	70 – 80	80 – 90
Number of students	10	20	40	20	10

(4 marks)

10. The following scores age and glucose level of the individuals. Determine the coefficient of correlation for the following data:

X (age)	43	21	25	42	57	59
Y (glucose level)	9	65	79	75	87	81

(5 marks)



## MANIPAL UNIVERSITY

### FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016

#### SUBJECT: BSN 406 - MANAGEMENT OF NURSING SERVICES AND EDUCATION

Monday, June 20, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

1. Explain the following in relation to 'School of Nursing' with yearly intake of 60 students:

- 1A. Guidelines to start a GNM programme
- 1B. Staffing requirement with qualifications
- 1C. Clinical facilities

(5+6+4 = 15 marks)

2. Explain the following in relation to 'Progressive Patient Care':

- 2A. Meaning
- 2B. Elements
- 2C. Any four merits
- 2D. Any two demerits

(2+6+4+3 = 15 marks)

3A. State the meaning of staffing.

3B. Explain the High Power Committee recommendations for nursing staff requirement for a hospital.

3C. Calculate the nursing manpower requirement for a 200 bedded hospital based on High Power Committee recommendations.

(2+5+8 = 15 marks)

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

- 4A. Role of TNAI (Trained Nurses Association of India) and ICN (International Council for Nurses) in professional advancement
- 4B. Role of an administrator in adult learning
- 4C. Nursing practice standards by INC
- 4D. Styles of leadership
- 4E. Any 'six' principles of management

(6 marks × 5 = 30 marks)

