00469

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING
ACADEMIC YEAR 2018/2019 – SEMSETER II

BACHELOR OF SCIENCE HONOURS IN NURSING
NGU6602 PUBLIC HEALTH NURSING - LEVEL 6
CONTINUOUS ASSESSMENT TEST - NBT II

DATE: 4th JULY 2019 TIME: 09.00AM –10.30 AM

REGISTRATION NO: .....

IMPORTANT INSTRUCTIONS/ INFORMATION TO CANDIDATES

- This question paper consists of **11 pages** with **10 Multiple Choice Questions (Part A), 10 Matching questions (Part B), 03 Structured Essay Question (Part C)** and **01 Short Essay Question (Part D).**
- Write your Registration Number in the space provided.
- Answer **ALL** questions.
- **Multiple Choice Questions (Part A) :** Indicate your answer by encircling the letter relevant to the selected option in **INK.**
- **Matching Questions (Part B):** Match the phrases or words in Right Column with Left Column. Indicate the letter corresponding to your response in the brackets **in INK.**
- **Structured Essay Questions (Part B)** and **Short Essay Question (Part D):** Write answers within the spaces provided.
- Do **NOT** remove any page/part of this question paper from the examination hall.
- Do **NOT** keep unauthorized material, including mobile phones and other electronic equipment, with you during the examination.
- Fill the **address sheet attached** at the end of this question paper (see last page).

Part A - Multiple Choice Questions (10 Marks)

Choose the most suitable answer for each question and encircle the corresponding letter of the correct answer.

1. The principles involved in studying the relationships between housing conditions and human health include,
    a. Protection against communicable diseases
    b. Protection against injuries, poisonings and chronic diseases
    c. Reducing psychological and social stresses, to a minimum
    d. All of the above

2. Indicators using for measuring of health in Sri Lanka include all of the following **EXCEPT**;
    a. Vital statistics
    b. Literacy rates
    c. Level of education
    d. Income

3. Disease rates that clearly exceed normal or expected frequency in a community or region is called as,
    a. endemic
    b. epidemic
    c. pandemic
    d. prevalence

4. According to epidemiologic triad, the way of spreading communicable diseases depends on following factors **EXCEPT**,
    a. An external agent
    b. A susceptible host
    c. An environment
    d. Prevalence

5. Which of the following statement is **INCORRECT** regarding **health promotion**?
    a. It is the process of enabling people to increase control over, and to improve their health.
    b. It covers a wide range of social and environmental interventions that are designed to benefit and protect individual's health and quality of life
    c. It is addressing and preventing the root causes of ill health
    d. It involves range of activities which involve treating the patients at hospitals

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6. Which of the following statement is **INCORRECT** regarding Mumps?
    a. Mumps is an bacterial viral disease transmitted by direct contact with saliva and discharges from the nose and throat of infected individuals
    b. One of the complications of mumps affecting for genital organs of a male individual is Orchitis
    c. Swelling and tenderness of one or more of the salivary glands are prominent symptoms and signs of mumps
    d. Usually symptomatic treatment is given for mumps

7. Congenital Rubella syndrome,
    a. is a contagious bacterial infection
    b. presents in children and young adults
    c. is transmitted by mosquitos
    d. is prevented by vaccinations of pregnant women

8. The main cause for Chronic Obstructive Pulmonary Disease is,
    a. dust
    b. vehicle fumes
    c. tobacco smoking
    d. heredity

9. Which of the following is **CORRECT** regarding control of Asthma?
    a. Asthma is a common chronic inflammatory condition of the lung airways.
    b. Chronic exposure to airway irritants or allergens increases the risk of developing asthma
    c. Treatment usually involves learning to recognize triggers and avoid them
    d. All of the above

10. In order to prevent injuries, programs conducted by the NCD unit in the Ministry of Health include all of the following **EXCEPT**,
    a. Encouraging the public to involve for policy making
    b. Conducting training programs for trainers in injury prevention
    c. Developing action plans for specific injury types
    d. Developing public awareness educational materials

Part B – Matching Questions – (10 Marks)

Match **Left Column** with the **Right Column** by indicating the letter corresponding to your selected response in the given brackets.

Left Column		Right Column
1. The number of babies dying before reaching 28 days of age	(.....)	A. Leptospirosis
2. Human papilloma vaccine prevents	(.....)	B. Hippocrates
3. Established Healthy Lifestyle Centers for controlling	(.....)	C. Maternal death
4. The first Epidemiologist in the world	(.....)	D. Miasma theory
5. Example of a zoonotic disease	(.....)	E. Florence Nightingale
6. A complication of Measles	(.....)	F. Doxycycline
7. A death of a woman within 42 days of termination of pregnancy	(.....)	G. Non-communicable diseases
8. A disease occurs due to noxious vapors of decaying matter	(.....)	H. Cervical carcinoma
9. Demonstrated an epidemiological approach to study of the causes of an illness and the care of a sick	(.....)	I. Neo-natal mortality rate.
10. A chemoprophylaxis measure in controlling typhoid is	(.....)	J. Infant mortality rate.
		K. Pneumonia
		L. Penicillin

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Parts C - Short Answer Questions – (60 Marks)

Write answers to all questions within provided spaces.

Q.1 Nurses are responsible in assisting for reporting of notifiable diseases. Therefore, they should possess adequate knowledge and understanding about notification system in Sri Lanka.

1.1 Complete the following table by giving examples for notifiable diseases in Sri Lanka.

(9 Marks)

Group A	Group B
1	1. .....
2.....	2. .....
	3. .....
	4.....
	5.....
	6.....
	7.....

1.2 List **FIVE (05)** benefits of notification of diseases. (5 Marks)

1. .....
2. .....
3. .....
4. .....
5. .....

1.3 List **TWO (02)** actions must be taken by following health care members in the community after receiving notification form the hospital. (6 Marks)

Medical Officer of Health (MOH)

1. .....
2. .....

Public Health Inspector

1. .....
2. .....

Public Health Nurse

1. .....
2. .....

Total – 20 Marks

Q2. Communicable diseases are imposed huge impact on human life. As a public health nurse you are expected to be contributing in prevention and control of these disease using your knowledge, skills and with favorable attitude.

2.1 List **THREE (03)** modes of spreading communicable diseases with examples. (6 Marks)

Modes of transmission	Example
1	.....
2.	.....
3.	.....

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2.2 List **FOUR (04)** main underlying factors influencing the incidence of communicable diseases. (4 Marks)

1. .....
2. .....
3. .....
4. .....

2.3 Briefly describe **THREE (03)** possible methods of **controlling** vector borne diseases (6 Marks)

1. .....
   .....
   .....
2. .....
   .....
   .....
   .....
3. .....
   .....
   .....
   .....

2.4 Briefly describe **TWO (02)** strategies that can be taken in **prevention of being bitten** by mosquitoes (4 Marks)

1. .....
   .....
   .....
   .....
2. .....
   .....
   .....
   .....

Total – 20 Marks

Q3. Non-communicable diseases (NCDs) are the leading cause of death globally. At present, NCDs are the leading cause of deaths in Sri Lanka.

3.1 Name **FOUR (04)** major NCDs in Sri Lanka. (2 Marks)

1. .....
2. .....
3. .....
4. .....

3.2 List **FOUR (04)** main causes for NCDs. (2 Marks)

1. .....
2. .....
3. .....
4. .....

3.3 You are assigned to design a leaflet in order to educate a group of adults regarding Diabetes Mellitus (DM). Complete the sections of the template using appropriate content. (16 Marks)

Total – 20 Marks

Leaflet Template

Title	Signs & Symptoms of DM	Health advices in prevention and control DM
(½ Marks)	• Classical: 1. ..... 2. ..... 3. ..... • Other:	1 ..... 2. ..... 3. ..... 3. ..... 4. ..... 5. ..... 6 ..... 7 ..... 8. .....
Introduction What is DM? .... **(1 Marks)** **Types of DM** .... **(2 Marks)**	**Investigations** 1. ..... 2. ..... 3. ..... 4. ..... **(2 Marks)**	**(08 Marks)**

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Part D Short Essay Question (20 Marks)

There is a one question. Answer in the provided spaces.

Q1. Briefly describe the **nurses' role in health promotion**. Your description must be including at least 10 actions of nurses. (20 Marks)

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Postal Address:

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