



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
Second Year Second Semester Examination in BScHons (Nursing) -2023/ Proper 17th Batch
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NURCH ~~2234~~ COMMUNITY HEALTH NURSING I - Paper II

Date: 23.05.2025

Time: 02 Hours

ANSWER ALL FOUR QUESTIONS

1. Epidemiological Triad is the simplest form of traditional model for infectious disease.
 - 1.1. Draw and label the diagram of 'Epidemiological triad'. (10 Marks)
 - 1.2. Briefly explain each component in the above diagram. (30 Marks)
 - 1.3. Explain four (4) different modes of transmission of communicable diseases from one person to another person with suitable examples. (40 Marks)
 - 1.4. Explain the below mentioned terms used in epidemiology with suitable example.
 - 1.4.1. Epidemic (10 Marks)
 - 1.4.2. Endemic (10 Marks)

2.
 - 2.1. Mention the causative organism of Tuberculosis (TB). (10 Marks)
 - 2.2. Mention the mode of transmission of Tuberculosis. (10 Marks)
 - 2.3. List four (4) antibiotics used to treat tuberculosis. (20 Marks)
 - 2.4. Mention the name, route, site, dosage and the age of receiving TB vaccine in EPI schedule. (20 Marks)
 - 2.5. As a public health nurse, what instructions should be given to the mother whose child has received TB vaccine. (10 Marks)
 - 2.6. As a public health nurse educate the public about the prevention of tuberculosis. (30 Marks)

3. Nutritional Assessment is a comprehensive process used to evaluate a person's nutritional status.
- 3.1. List three (3) direct nutritional assessment methods other than Anthropometric measurement. (15 Marks)
- 3.2. Briefly explain any two (2) nutritional assessment methods which you mentioned in 3.1. (30 Marks)
- 3.3. Measuring Upper Mid Arm Circumference (MUAC) helps to identify malnutrition among children.
- 3.3.1. Explain how to measure Mid Upper Arm Circumference (MUAC) of a child by using MUAC tape (Shakir tape). (10 Marks)
- 3.3.2. How would you interpret the reading of mid arm circumference by using MUAC tape (Shakir tape) with the help of colour code and the cutoff point? (15 Marks)
- 3.4. A 60- year- old lady visited to the well woman clinic for health check- up. On the initial assessment, following parameters were measured: Her weight is 85 kg, height is 160cm, BP is 140/95mmHg.
- 3.4.1. Find the Body Mass Index (BMI) of this lady. (10 Marks)
- 3.4.2. Advise the lady by interpreting her BMI with standard BMI category. (20 Marks)
4. "Group Approach" is an effective method to communicate the health information during the health education session.
- 4.1. List any five (5) communication methods comes under "Group Approach". (20 Marks)
- 4.2. List the other two (2) types of communication methods used in the health education session. (10 Marks)
- 4.3. Discuss the advantages and disadvantages of the communication methods which you mentioned in 4.2. (30 Marks)
- 4.4. Briefly explain any four (4) health education principles which should be followed during the health education session with suitable examples. (40 Marks)