

# KANYASHREE UNIVERSITY

M.Sc.4th Semester Examination-2024

Subject: Food & Nutrition

Course-CC 19

Epidemiology, Family Welfare Public Health

Full Marks-40

Time-2.00 Hours

## GROUP - A

(Answer **any four** of the following)

(5×4=20)

1. Write a short note on the necessity of birth registration. [5]
2. What is cold chain? What are the reasons for the maintenance of cold chain? [2+3]
3. Describe the common adverse events following immunization (AEFI). [5]
4. What are the IMR and MMR? Why is Immunization important to health? [2+3]
5. Define BOD and COD. What is a trickling filter? What is an Oxidation pond? [2+1.5+1.5]
6. Write the difference between Food Borne Infection and Food Intoxication. Define vector borne disease with one example. Write the name of the pathogen of Typhoid Fever and Giardiasis. [2+1+2]
7. What is the incubation period of a disease? Briefly explain the uses of epidemiology. [1+4]

## GROUP – B

(Answer **any two** of the following)

(10× 2=20)

1. Explain the term “Positive Health”. Discuss any two pathogens often seen in food poisoning outbreaks and their symptoms and prevention. [3+1+3+3]
2. Explain the Ice-Berg phenomenon of disease. Describe the steps of typical sewage treatment plant. [3+7]
3. How do contaminants get into water? Explain ‘epidemiological triad’ with example. Write the importance of vital statistics. [2+6+2]
4. What are the five more important vaccines for children? Write the full form of BCG and DPT. What vector is used to transmit Encephalitis and Yellow Fever to human? Write the mode of action and prevention of any one vector borne disease. [3+2+1+(2+2)]

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