



**All India Institute of Medical Sciences, Kalyani  
Third Professional Part-I MBBS Examination 2022**

**Time: 3 Hrs.**

**CM & FM (Paper-I)**

**Marks: 100**

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**INSTRUCTIONS:**

- Answer all questions.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book.

**SECTION – A (50 MARKS)**

**Long answer question:**

**[3+7=10]**

1. What are the different types of epidemics? How would you investigate an epidemic of Fever with rashes among under- 5 children in your block?

**Write Short notes on:**

**[8X5=40]**

2. Define Exclusive breast feeding and enumerate advantages of EBF.
3. Stages of Demographic Cycle
4. Bias and Confounding
5. Write a short note on different clinical trial designs
6. Direct methods of nutritional assessment
7. Principles of Primary health care with suitable examples
8. Different indicator for monitoring the air pollution
9. Justify – “Carriers are more dangerous than cases”.

**SECTION - B (50 MARKS)**

**Long answer question:**

**[3+3+4=10]**

1. Describe different types of Pneumoconiosis. As a medical officer of a coal mine, what are the symptoms and signs of anthracosis and what measure you like to adopt to prevent anthracosis?

**Write Short notes on:**

**[8X5=40]**

2. Differentiate between Food Fortification and Food Adulteration with suitable examples.

3. Discuss the role of ASHA in child health care.

4. Different pictorial presentations of data

5. Differentiate between Cost effective and Cost benefit Analysis in Health

6. Define family and explain why "Family is considered as an epidemiological unit".

7. Barrier methods of family planning and its advantages.

8. Steps of planning cycle

9. Entomological surveillance for dengue fever in urban slum

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