

The West Bengal University of Health Sciences
M. Sc. in Applied Nutrition Part - I October, 2023 Examination



Subject: Community Nutrition & Research Methodology & Biostatistics
 Paper: III

Full Marks: 80
 Time: 3 hrs.

Unit – I (Community Nutrition)

1. Answer **any two** questions of the followings :
 - a) What are the objectives of ICDS scheme? Describe the package of services given to children from ICDS. 4+6
 - b) What are different Nutritional Assessment methods? Discuss in details dietary assessment methods. 3+7
 - c) Discuss National Nutrition Policy, 1993. 10
2. Write in brief about **any four** of the following: 4 x 5
 - a) “Mass media” as a method of Nutrition Education.
 - b) Role of ASHA worker.
 - c) NIDDCP.
 - d) Primary Health Care system.
 - e) WIFS programme in India.
 - f) Vital Statistics.

Unit – II (Research Methodology & Biostatistics)

3. Answer **any two** questions of the followings :
 - a) Write short notes on different types of Epidemiological Study. 10
 - b) Describe different types of Random (Probability) Sampling. 10
 - c) Status of Vaccination of 2000 individuals is as follows. 10

Vaccination COVID	Yes	No	Total
Positive	100	700	800
Negative	900	300	1200
Total	1000	1000	2000

Check the vaccination is effective or not to prevent COVID. ($\chi^2=3.84$ for one degree of freedom at 5% significance level).

4. Write short notes on **any four** of the following : 4 x 5
 - a) Pie Diagram.
 - b) Standard Normal Curve.
 - c) Purposive Sampling.
 - d) Correlation Coefficient.
 - e) Type I and Type II error.
 - f) Prevalence and Incidence.