

M.Sc. 2nd Semester Examination, 2023

CLINICAL NUTRITION AND DIETETICS

(Epidemiology, Family Welfare and Public Health)

PAPER — CND-203

Full Marks : 50

Time : 2 hours

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

GROUP — A

Answer any **four** questions from the following :

- | | |
|---|--------------|
| | 2 × 4 |
| 1. Define population dynamics. | 2 |
| 2. What do you mean by low birth weight ? | 2 |
| 3. What do you mean by salk and sabin polio vaccine ? | 1 + 1 |

(Turn Over)

4. What is meant by zoonosis ? 2
5. Calculate the rate of transmission of disease X , if it belongs to the reproductive rate of 4 and serial interval of 8 days. 2
6. Write any two criteria for termination of PDS in post-emergency situation. 2

GROUP – B

Answer any **four** questions from the following :

4 × 4

7. Discuss the preventive measures of PEM. 4
8. Discuss the national immunization schedule. 4
9. Discuss briefly the iodine deficiency disorder. 4
10. What are live vaccine and inactivated vaccine ?
Give example. 2 + 2
11. Describe the different phases of disaster cycle. 4

12. Differentiate between common source and propagated epidemic. 4

GROUP – C

Answer any two questions from the following :
8 × 2

13. What is antenatal care ? Write the objectives of it. Discuss about the essential antenatal services. 2 + 2 + 4
14. Discuss about the arthropod-borne diseases. What are the determinants of reproductive rate ? 5 + 3
15. Discuss the direct interventions of nutrition policy. 8
16. Elaborately discuss about the nutritional management of disaster. 8

[Internal Assessment – 10 Marks]
