

Total Pages—5

DDE/II/VI/U-12/13(DCNM)

**M.Sc. Part-II Examination, 2013**  
**DIETETICS AND COMMUNITY NUTRITION**  
**MANAGEMENT**

**PAPER – VI (Unit-12)**

*Full Marks : 50*

*Time : 2 hours*

**Answer Q. No. 1 and any four from the rest**

*The figures in the right-hand margin indicate marks*

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

**1. Answer any five of the following : 2 × 5**

(a) Define pandemic disease with example.

(b) Define sporadic disease with example.

(c) What do you mean by weight for age ?

(d) What do you mean by positive health ?

( Turn Over )



(e) Write the names of any two anthropometric sensors of obesity assessment.

(f) What do you mean by cohort study ?

(g) Define incidence rate of disease.

(h) What do you mean by assessment ?

2. (a) State the major domains of epidemiology.

(b) Write the major objectives of epidemiology.

(c) "Nutrition is closely linked with epidemiology" – Justify the statement from the perspective of different levels of disease prevention as per WHO guideline. 2 + 3 + 5

3. (a) Why Cohort Study is Known as prospective study ?

(b) Describe the different steps adopted in designing cohort study in the field of nutritional epidemiology.

(c) Define relative risk and attributable risk. 2 + 5 + 3

4. (a) Define markers.

(b) Write the features of good quality biochemical markers.

(c) Why biochemical markers preferred over anthropometric markers ?

(d) Write the disadvantages for the consideration of biochemical markers for the assessment of nutritional status. 2 + 3 + 3 + 2

5. (a) Write the differences between evaluation and monitoring.

(b) What do you mean by validation of assessment ?

(c) State the steps adopted for the assessment of food consumption from the viewpoint of nutritional status. 4 + 3 + 3

6. (a) Write the different phases of disease prevention as per WHO.



( 4 )

- (b) Write in brief about the direct transmission of disease with example.
- (c) What do you mean by secondary attack rate? 3 + 4 + 3
7. (a) Write the major aetiological factors of nutritional anaemia.
- (b) State the pathophysiological features of nutritional anaemia.
- (c) Describe the steps adopted for the prevention of nutritional anaemia. 4 + 2 + 4
8. (a) Describe any two anthropometric sensors for the nutritional assessment of primary school going children.
- (b) State about the crude birth rate and death rate.
- (c) Describe in brief about risk factors of osteoporosis. 3 + 3 + 4

( 5 )

9. (a) Write the importances of head and chest circumference assessment in connection to nutrition status evaluation.
- (b) Write the different sources for epidemiological information collection.
- (c) Describe briefly the risk factors of diarrhoea. 3 + 3 + 4