

2014

M.Sc. Part-II Examination

DIETETICS AND COMMUNITY NUTRITION MANAGEMENT

PAPER—VI (Unit-12)

Full Marks : 50

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

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

Illustrate the answers wherever necessary.

Answer Question No. 1 and any four from the rest.

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

- (a) Write the full form of CASPER.
- (b) What is relative risk?
- (c) What is Quetelet's Index.
- (d) What is exposure rate?
- (e) What do you mean by primordial prevention of disease?

(Turn Over)

- (f) What is the difference between prevalence and incidence of a disease?
- (g) What is 'Odd Ratio'?
- (h) What do you mean by re-emerging infectious disease?
2. (a) What are the differences between point source epidemic and propagated epidemic?
- (b) What do you mean by indicator of quality of life?
- (c) What is 'Herd Immunity'?
- 4+4+2
3. (a) What do you mean by quarantine?
- (b) Differentiate isolation and quarantine.
- (c) How do you perform morbidity detection in a community?
- (d) What is Sentinel Surveillance?
- 2+3+3+2
4. (a) Write the broad classification of epidemiological methods in connection of study of non-infections and infections disease.
- (b) What do you mean by endemic, pandemic and epidemic diseases.
- 4+(2+2+2)

5. (a) What are the usefulness of a screening test in a community?
- (b) Describe briefly the factors regulating a screening test.
- (c) What are the differences between screening test and diagnostic test?
- 4+3+3
6. (a) What do you mean by epidemiological surveillance?
- (b) What is case control study?
- (c) Describe the fundamental steps adopted for conduction of case-control study.
- 3+2+5
7. (a) What is meant by diet record?
- (b) Briefly describe the methods of "Household Dietary Assessment"
- (c) What are the specific duties of a diet co-ordinator?
- (d) What is scalogram?
- 2+4+3+1
8. (a) Describe briefly the risk factor of dysentery?
- (b) Write the importance of waist to hip ratio measurement.
- (c) What is the significance of skin fold thickness measurement?
- 4+3+3

9. (a) What are the salient features of 'Nutritional sensors'?
- (b) State the advantages and disadvantages of anthropometric sensors for nutritional status assessment.
- (c) What do you mean by reservoir pool and cyclical pool of biochemical sensor ?.

3+(2+2)+3