

2011

M.Sc.

1st Semester Examination

NUTRITION & DIETETICS

PAPER—NUD-103

Full Marks : 40

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.

Module—I

(Marks : 20)

1. Answer any *five* questions of the following : 1×5
- (a) What is spiritual health ?
 - (b) What is immuno supression ?
 - (c) What do you mean by adaptative immunity ?
 - (d) What is Food-infection ?
 - (e) What is hyperpigmentation due to water borne disease ?

(Turn Over)

(f) What do you mean by flavouring agent ?

(g) Write the significance of Alma-Ata Conference.

(h) What is combined vaccine ?

2. (a) What is public health ?

(b) State the steps adopted for implementation of Immunization programme in your community. :

Or

(a) Explain the dynamics of disease transmission.

(b) What is Iceberg phenomenon of disease ?

(c) What do you mean by still birth ? 5+

3. (a) Write the steps adopted for the controlling of water borne diseases.

(b) Explain the measures should be adopted for treatment of waterborne disease citing an example.

(c) Describe any two regulators of health. 2+

Or

(a) What do you mean by 'food faddism' ?

(b) Discuss how different factors affect 'food faddism'.

Module—II
(Marks : 20)

4. Answer any *five* questions of the following : 1×5
- (a) Write the full form of ELBW and VLBW.
 - (b) Write any one significance of weaning.
 - (c) Write any two advantages of exclusive breast feeding.
 - (d) What is vicious cycle of poverty ?
 - (e) What do you mean nutritional dwarfing or stunting ?
 - (f) What is glycogen loading ?
 - (g) Define glucose-aspartate cycle.
 - (h) What is nutrient intake analysis ?

5. (a) Why does oedema occur in Kwashiorkor ?
- (b) "There is no alternative to mother's milk." Discuss the statement.
- (c) What is food balance sheet method ? 2+5+1

Or

- (a) Why mothers and child considered as one biological unit ?
- (b) Write the objectives of MCH Case.

(c) What is Colostrum? 3+4

6. (a) Write the role of nutrients on performance with special reference to protein and vitamins.

(b) What is Glucose-Lactate Cycle? 5

Or

(a) What is nutritional anthropometry?

(b) State the importance of vital statistics in the evaluation of nutritional status of a community.

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