

M.Sc. 4th Semester Examination, 2012

NUTRITION AND DIETETICS

(Public Health Management)

PAPER—NUD-402

Full Marks : 40

Time : 2 hours

Answer all questions

The figures in the right-hand margin indicate marks

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

Illustrate the answers wherever necessary

MODULE – I

- 1. Answer any five questions from the following : 1 × 5**
- (a) Write the full forms of VHG and VHW.
- (b) What do you mean by social vaccination ?

(Turn Over)

- (c) What do you mean by endemic steady state ?
- (d) Write the names of any two public health determinants.
- (e) Write the full form of PDS and NRC.
- (f) What do you mean by food fortification ?
- (g) Write the full forms of TBA and AWW.
- (h) Write the role of zinc in the management of childhood diarrhoea.

2. (a) What is social marketing ?
- (b) What are the different 'p's as the components of social marketing for community health and nutrition upgradation ?
- (c) State three modern strategies adopted for community nutrition upgradation. 2 + 3 + 3

Or

- (a) Write the hallmarks of primary health care.
- (b) Write the principles of primary health care as proposed by WHO.

- (c) Write the services which are delivered by the subcentres to the community.
- (d) Critically evaluate the drawbacks of existing health care delivery system of India. $2 + 2 + 2 + 2$
3. (a) "Community participation is an important strategy for community health upgradation". Justify the statement from the present approaches of health services delivered to the community.
- (b) State the different phases for the implementation of 'C to P' strategy for translation of knowledge to the community. $3 + 4$

Or

- (a) Write any one public health problem due to combination of multi micronutrient deficiency.
- (b) Write the importance of health status assessment.
- (c) What are the strategies adopted for reduction of 'Infant mortality' in India. $1 + 3 + 3$

MODULE – II

4. Answer any *five* questions from the following : 1 × 5

- (a) Define sensor for nutritional status assessment.
- (b) Write the full form of NNP and NPP.
- (c) Define pandemic disease.
- (d) What do you mean by 'Management'.
- (e) Define nutritional epidemiology.
- (f) What do you mean by endemic disease ?
- (g) Write the name of reservoir pool of free fatty acid in our body.
- (h) Write the names of any two anthropometric sensors for nutritional status assessment of pre-school children.

5. (a) What are the silent features of biochemical sensor ?

- (b) Write in brief about the biochemical sensor analysis for iron nutrition status assessment.

- (c) What do you mean by preconditioning of biochemical sensor analysis? 2 + 4 + 2

Or

- (a) What is Nutritional Policy?
- (b) Write the common problems in the implementation of the nutritional policy.
- (c) Write about any one model of nutritional policy formulation with its different stages. 2 + 3 + 3
6. (a) Classify sensors in the field of nutritional science.
- (b) Write the advantages of biochemical sensor over anthropometric sensor.
- (c) Write the nutritional status assessment through biochemical sensor analysis of vitamin C and vitamin-B₁(Thiamine). $1\frac{1}{2} + 1\frac{1}{2} + (2 + 2)$

Or

- (a) What do you mean by patterns of nutrient deficiency related diseases.

- (b) Compare the patterns of under nutritional diseases between developed and developing countries.
- (c) What do you mean by social security? 2 + 3 + 2
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