

**2012**

**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 PQLI ?
- (b) What do you mean by HDI ?
- (c) What are the food additive and food contaminants ?
- (d) What is sentinel surveillance ?
- (e) What do you mean by Herd immunity ?

*(Turn Over)*

- (f) What is MSG ?
- (g) What do you mean by cyclops ?
- (h) Which vaccine is contra indicated in pregnant mother ?

2. (a) Write the full name of HALE and DALY.
- (b) What is the significance of Sullivan's Index ?
- (c) Differentiate primordial and primary prevention of disease with example. 2+2+(2+2)

Or

- (a) Differentiate live attenuated vaccine and heat killed vaccine.
- (b) What do you mean by Booster dose of vaccine ?
- (c) What is API ? (2+2)+2+2

3. (a) Write the steps adopted for the controlling of food borne diseases.
- (b) Write the name of causative agent and its mode of transmission. 2+5

Or

- (a) What is PFA act ?
- (b) Write the names of any three food-adulterants and describe their role in causation of health hazards in our community. 1+6

**Module—II**  
**[ Marks—20 ]**

4. Answer any *five* questions of the following : 1×5
- (a) What is gastric gavage ?
  - (b) What do you mean by small for gestational age ?
  - (c) What is raw food method of nutritional assessment ?
  - (d) What do you mean by Nutrient intake analysis ?
  - (e) What is glycogen loading ?
  - (f) What do you mean by antenatal care ?
  - (g) What is domiciliary care ?
  - (h) Write the full name of NRHM and NFHS.

5. (a) What do you mean by apgar score ?
- (b) Differentiate the terms postnatal, antenatal and perinatal.
- (c) What do you mean by nutrition induced performance empossesment. 2+4+2

Or

- (a) What is IUGR ?
- (b) Write the nutritional requirement of 'Low Birth Weight Baby'.
- (c) What is the major physiological cause of RDS ? 1+5+2

6. (a) What is sports anaemia ?  
(b) State specific deficiency symptoms due to vitamin B<sub>12</sub>.  
(c) What do you mean by pre-game meal ?

2+3+2

Or

- (a) Why oxidative injury is noted in Vitamin A deficiency state.  
(b) How you measure over nutrition of an adult patient ?  
(c) What is breast feeding care ?

3+2+2