

M.Sc.

2011

2nd Semester Examination

NUTRITION & DIETETICS

PAPER—NUD-202

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

1. Answer any five questions of the following : 1×5
- (a) Why screening is difference from diagnostic test ?
 - (b) What are the basic tools for measuring magnitude of a disease in epidemiology ?
 - (c) Write the relationship between prevalence & incidence.
 - (d) What is mortality rate with example.
 - (e) What do you mean by life expectancy rate.

(Turn Over)

- (f) What is false negative for validity of screening test
- (g) What is survival rate?
- (h) How do you measure natality?
2. What is screening? What epidemiological study design can be used to evaluate a screening programme.

3+5

Or

- (a) Write the aims and objectives of epidemiology.
- (b) Discuss the case control study in nutritional epidemiology
- (c) State the importance of risk factor and attribute factor in epidemiology.
3. What is meta analysis? Describe the four levels of prevention with examples of each level.

2+4+2

Or

- (a) What do you mean by border line of nutrition & health related data?
- (b) Write the importance of border line data for the formulation of diet chart formulation.
- (c) State the importance of false positive in diet therapy

2+3+2

Module—II

4. Answer any five questions of the following : 1×5
- (a) What is the cause of angular stomatitis ?
 - (b) Write the cause of osteoporosis ?
 - (c) What is Fluorosis ?
 - (d) What is BMI ?
 - (e) State the cause of xerophthalmia.
 - (f) What is cause of knock-knee symptom ?
 - (g) Write a main physical symptom of Goitre.
 - (h) State the cause of neural tube defect.
5. (a) What are the types of Diabetes mellitus ?
- (b) What is the cause of atherosclerosis ?
- (c) Mention two main risk factors of malignant-hypertension.
- (d) Write the main risk of Vit-A on vision.

2+2+2+2

Or

Write the epidemiology of Kwashiorkor and Marasmus with symptomatic difference on food style.

4+4

6. (a) State the caustative factors of scurvy.
(b) Write the epidemiology of fluorosis in brief.

3+

Or

- (a) Describe the epidemiology of obesity.
(b) What are Adroid and Gynoid types of obesity.

5+