

**2018**

**M.Sc.**

**2nd Semester Examination**

**CLINICAL NUTRITION & DIETETICS**

**PAPER—CND-204**

**Subject Code—25**

*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.*

*Answer Question No 1 and any three from the rest.*

1. Answer any *five* questions : 5×2

(a) What is positive energy balance ?

(b) Mention the sources of Vitamin D ?

*(Turn Over)*

- (c) Name the foods which do not contain any dietary fiber.
- (d) What is optimum nutrition ?
- (e) Write any two functions of proteins.
- (f) Write the biomedical concept of health.
- (g) What do you mean by nutraceuticals ?
- (h) What do you mean by food habit ?
2. (a) What is Recommended dietary allowance (RDA) ?
- (b) What do you mean by 'tolerable upper intake level' ?
- (c) What are the criteria of Indian reference man ?
- (d) What are the factors taken into consideration while establishing RDA ? 2+2+2+4

3. (a) What do you mean by over nutrition ?
- (b) What is food guide pyramid ?
- (c) What do you mean by good nutritional status ?
- (d) Write any four important functions of food.

2+2+2+4

4. (a) What is food sanitation ?
- (b) What do you mean by 'food temperature bomb' ?
- (c) How do you avoid cross contamination of food ?
- (d) Name two bacteria responsible for food spoilage.

2+3+3+2

5. (a) Write the role of nutrients on health improvement focussing the role of protein and iron.
- (b) State the role of tea based nutraceuticals on health upgradation and disease prevention. (3+2)+(3+2)

6. (a) Discuss the role of dietary fibres on the prevention of noncommunicable diseases.
- (b) How does fast food can induces community health defects? 6+4
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