2013

M.Sc.

1st Semester Examination

CLINICAL NUTRITION AND DIETETICS

PAPER—CND-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.

Answer *Q. No. 1* and any *three* of the following.

1. Answer any *ten* questions of the following : 10×1

(a) What do you mean by homogeneous sample?
(b) Define independent variable.
(c) What do you mean by primary data?
(d) Give an example of cross sectional study in Nutrition.
(e) What do you mean by probability?
(f) What are meant by $p > 0{\cdot}05$ and $p < 0{\cdot}05$?
(g) What is social research?
(h) Write the names of any two methods of data collection.
(i) What do you mean by close ended question?
(j) Define ethics.
(k) What do you mean by stratification of data?
(l) Explain the term 'Hypothesis'.
(m) Define research design.
(n) What do you mean by action research?
(o) What do you mean by longitudinal study?

2. (a) Write the criteria of good question for data collection.

(b) How data is converted into information and ultimately intelligence in the field of nutritional science. Explain it with any one example.

(c) What do you mean by pre-tested questionnaire technique? 3+4+3

3. (a) What do you mean by pilot project?

(b) State the applied value of pilot project.

(c) Write the differences between questionnaire and schedule method for data collection. 2+3+5

4. (a) What do you mean by extraneous variable?

(b) What is factorial experimental design (FED)?

(c) Describe (2×2) FED citing one example from nutritional science.

(d) Why FED is preferred over other formal experimental design? 2+2+4+2

5. (a) State the general characteristics of modern research in CND.

(b) What are the salient features of a good research design?

(c) What is control group? Write the significance of inclusion of control group in experimental design.

(d) What do you mean by 'Case Study'? 2+3+(1+2)+2

6. (a) What is cross sectional study?

(b) Site an example of cross sectional study from the field of nutrition.

(c) Write the advantages and disadvantages of cross sectional study.

$2+3+(2\frac{1}{2}+2\frac{1}{2})$
