

2016

M.Sc. 1st Semester Examination

CLINICAL NUTRITION & DIETETICS

PAPER—CND-103

Full Marks : 40

Time : 2 Hours

The figures in the 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 from the rest.

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

(i) Intake of W_3 -fatty acid controlled athero sclerosis. Here W_3 -fatty acid is —

(a) Dependent variable ;

(b) Independent variable ;

(c) Either dependent or independent variable ;

(d) uncontrolled variable.

(ii) Level of awareness about the role of dietary fibre on diabetes prevention is —

(Turn Over)

- (a) Parametric variable ;
 - (b) Non-parametric variable ;
 - (c) Either a or b ;
 - (d) Both a and b.
- (iii) Therapeutic diet formulation by detetition on the basis of clinical report which vary from individual to individual know as —
- (a) Applied research ;
 - (b) Basic research ;
 - (c) Social research ;
 - (d) Action research.
- (iv) To minimize the effect of genetic variation on experimental research, the best design is
- (a) Double group static exp. design ;
 - (b) Pre-test post-test signal group exp. design ;
 - (c) Factorial exp. design ;
 - (d) Anyone of the above.
- (v) Out of 40 students in a class, the class teacher called 1st, 2nd & 3rd boy to know the BMI of the boys in that class. This is the example of
- (a) Probability sampling ;
 - (b) Non-probability sampling ;
 - (c) Ramdom sampling ;
 - (d) Cluster sampling.

- (vi) The hypothesis which proposed that there is no significant variation between control and experimental group is —
- (a) H_a ;
 - (b) H_o ;
 - (c) H_a ;
 - (d) H_β .
- (vii) To conduct the running project properly, the principal investigator must follow —
- (a) Only monitoring ;
 - (b) Only evaluation ;
 - (c) Monitoring or evaluation ;
 - (d) Both monitoring evaluation.
- (viii) For reorientation of the project proposul, the important tool is
- (a) End term evaluation ;
 - (b) Half early evaluation ;
 - (c) Mid term evaluation ;
 - (d) Both b & c.
- (ix) The main theme of basic research is —
- (a) To do something ;
 - (b) To know something ;
 - (c) To deliver something ;
 - (d) All of the above.

- (x) Evaluation of research problem means —
- (a) Is the problem researchable ;
 - (b) Is the problem new ;
 - (c) Is the problem feasible for the researcher ;
 - (d) All of the above.
- (xi) Questionnaire is
- (a) A method ;
 - (b) A tool for data collection ;
 - (c) A statistical tool ;
 - (d) A tool for data presentation.
- (xii) Nutrigenomics is the example of
- (a) Intradisciplinary research ;
 - (b) Interdisciplinary research ;
 - (c) Cross disciplinary research ;
 - (d) Any one the above.
- (xiii) When diagnostic test give positive result but clinical study & symptomatic study give negative result, it is known as —
- (a) False negative ;
 - (b) False positive ;
 - (c) True positive ;
 - (d) True negative.

- (xiv) Before implementation of the project proposal the clearance should be collected from —
- (a) Finance committee ;
 - (b) Purchase committee ;
 - (c) Research committee ;
 - (d) Ethical committee.
- (xv) To know the mean value of MUAC of your class, you will conduct —
- (a) Longitudinal study ;
 - (b) Cross sectional study ;
 - (c) Transcient study ;
 - (d) Any one.
2. (a) State the basic difference between monitoring and evaluation.
- (b) Write the different types of evaluation of the running project.
- (c) Describe the importance of evaluation of a running project.
- (d) What is the importance of standard value. 2+3+3+2
3. (a) Write any three major sources for the selection of the research problem.
- (b) State any two criteria of the research problem.
- (c) Write in brief the criteria of usable hypothesis. 3+2+5

4. (a) Define case study.
- (b) State the basic steps adopted for conduction of case study.
- (c) Write the merits & demerits of case study. 2+4+4
5. (a) Write the features of basic research.
- (b) How basic research can able to develop the applied research ?
- (c) Why cross disciplinary research is important of present era ? 2+4+4
6. (a) Write the format of project report writing.
- (b) Why review of literatures is important for project proposal formulation ?
- (c) What do you mean by descriptive research ? 4+4+2
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