M.Sc. Part-II Examination, 2013

DIETETICS AND COMMUNITY NUTRITION MANAGEMENT

PAPER - VIII (Unit-16)

Full Marks : 50

Time : 2 hours

Answer Q. No. 1 and any four from the rest

The figures in the right-hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

1. Answer any five of the following : \(2 \times 5\)
   
   (a) What do you mean by vulnerable group ?

   (b) What do you mean by surveillance ?

   (c) Define disaster.

   (d) Define mitigation.

   (Turn Over)
(e) What do you mean by 'zero' correlation?

(f) What do you mean by non-parametric statistics?

(g) What is hard disk?

(h) What is assembly language?

2. (a) What are the activities considered in the step of mitigation as per NDA2005?

(b) Why children and geriatric persons are most vulnerable in disaster period?

(c) Write any three indicators of decreasing vulnerability. 3 + 4 + 3

3. (a) Why dry packed food distribution is not continued for long run in post disaster period?

(b) Write the advantages of common kitchen concept at the first part of reconstruction at post disaster period.

(c) Define rehabilitation. 4 + 3 + 3

4. (a) Write the guideline of public distribution system as per WHO for nutritional relief at post disaster period.

(b) State the points to be considered for the termination of supplementary ration system of post disaster period.

(c) Describe the different steps adopted for nutritional upgradation of the disaster affected areas from multidimensional domains. 4 + 3 + 3

5. (a) State the assumption of chi-square test.

(b) What steps are considered for computation of chi-square in connection to "goodness of fit" testing.

(c) What do you mean by degree of freedom? 4 + 4 + 2

6. (a) What do you mean by single group study for test of significance in parametric field?

(b) What do you mean by one tail and two tail t-test?
(c) State the significance of correlation study in the field of nutrition with any one example.

3 + 3 + 4

7. (a) Describe the primary memory of the computer.

(b) State in brief about the peripheral devices of computer.

(c) Discuss in brief on CDROM.

3 + 4 + 3

8. (a) Write a programme in BASIC to convert the body weight of a person in pound to kilogram.

(b) Explain IF-THEN statement with an example.

(c) What is library function? Give two examples.

4 + 3 + 3

9. (a) What is null hypothesis? Write its importance.

(b) What do you mean by group distribution?

(c) State the steps adopted for conversion of heterogenous distribution to homogenic distribution.

(2 + 1) + 3 + 4