

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 × 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 ?

(4)

- (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.

(5)

- (b) What do you mean by group distribution?
- (c) State the steps adopted for conversion of heterogenous distribution to homogenic distribution. $(2 + 1) + 3 + 4$