

M.Sc IN CLINICAL NUTRITION AND DIETETICS
II- SEMESTER EXAMINATION- APRIL 2013
COURSE –VIII PUBLIC HEALTH AND DEMOGRAPHY

Time: 3hours

Max. Marks: 80

Answer the questions from all parts following their internal choices

PART A

Answer any TEN of the following

3 x10=30

1. List down the bacterial food borne disease
2. Mention the infections acquired from non-human contact.
3. How do arthropods participate in spreading infections?
4. Write about insecticides and public health.
5. Dengue Viruses
6. What is DPT vaccine?
7. Explain aflatoxins and algal toxins
8. How is under nutrition defined?
9. Infective agents and host factors.
10. Chelating agents.
11. Objectives of indirect intervention.
12. How is personal hygiene achieved?
13. Why is hand washing by food handlers considered the most important factor in food safety?
14. List the symptoms of IDD.

PART B

Write briefly on any FOUR of the following.

5 x4=20

1. How do infections occur?
2. How does diarrheal disease lead to malnutrition?
3. How do microorganisms gain entry to the respiratory tract?
4. What are the non specific and specific mechanisms that impart protection to the host?
5. What measures can be taken to protect the susceptible host from contact infections?
6. Enumerate the forms of micronutrient deficiency disorder.

PART C

Answer any THREE of the following

10 x3= 30

1. Explain the concept of food chain. How can you classify environmental hazards in food chain? What are the factors that modify the hazards along the food chain?
2. What are the important components of HACCP? Enumerate the seven steps of HACCP. What are the key aspects of hygiene control systems?
3. List down the major public health consequences of undernutrition. How can one prevent undernutrition?
4. What are the causes of overnutrition? What is the prevalence of obesity in India? What are the public health implications of obesity? How can obesity be controlled?
5. Why is it important to study the transitions? Mention the different stages of epidemiological transitions.
