

M.Sc. IN CLINICAL NUTRITION AND DIETETICS

II-SEMESTER EXAMINATION – APRIL 2013

COURSE- VII NUTRITION THROUGH LIFE CYCLE

Time: 3 hours

Max Marks: 80

Answer the questions from all parts following their internal choice

PART A

Answer any ten of the following:

3 X 10 =30

1. What is the PDCAAS value considered while computing the RDA for proteins for Indians?
2. What are the sources of energy in Indian diets?
3. What are visible and invisible fats? Give examples.
4. How is the RDA for calcium computed? Give the RDA for calcium for Indian man and woman.
5. What is the physiological requirement and RDA for iron for an Indian adult man?
6. List the parameters used in developing DRIs.
7. List the nutrition related health concerns during infancy.
8. What are the situations that call for special nutrient needs in adolescents?
9. List the common health problems in the middle aged adult.
10. What is the energy requirement during lactation?
11. What is the ideal age for weaning infants?
12. List the various methods of diet survey.
13. What are the biochemical tests used for determining vitamin A status?
14. Name the indices used in nutritional assessment.

PART B

Write briefly on any four of the following:

5X4=20

1. What are the conditions where the RDA for nutrients will be higher than normal?
2. Write a note on the application of RDA.

3. What are the different types of fatty acids? Give examples.
4. What are the criteria used for computing the RDA for iron?
5. Write a note on the desirable qualities of weaning foods.
6. What are the factors that affect the nutritional status of women in India?

PART C

Answer any three of the following:

10X3=30

1. What are the various agencies that are involved in making nutrient recommendations?
Elaborate the role of ICMR.
2. Discuss the factors that influence the food habits of pre-school children.
3. Describe the physiological changes that take place during middle adulthood.
4. Describe the physiology of lactation.
5. What are the different types of anthropometric measurements? Explain in detail the measurement procedure for body weight and height.