

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER III – FASTING AND DIET THERAPY

Q.P. Code : 821525

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Recommended calorie intake for Diabetic based on body weight as per ICMR and add a note on modification of diet in chronic renal failure.
2. Physiological mechanism of fiber in preventing Diverticulitis, Diabetes Mellitus and Coronary Heart Diseases.

II. Write Notes on:

(10 x 5 = 50)

1. Food and Drug interactions-four categories.
2. Categories where food and drug interactions takes place.
3. Factors influencing distribution of body fluid.
4. Psychological disorders of Dieting and Sugar substitutes of Natural and Artificial sweeteners.
5. Physiology of fasting.
6. What are Goitrogens and their sources and differences between Osteomalacia and Osteoporosis.
7. Contraindications of Fasting with Justifications.
8. Diet for insulin resistance.
9. Nutritive value of pumpkin, Broccoli and cabbage.
10. Food allergy and food intolerance.

III. Short Answers on:

(10 x 2 = 20)

1. Metabolic Syndrome.
2. Role of Vitamin “A” in the prevention of infections.
3. Large intestine and Vitamin “K” – relationship.
4. Combination of foods to improve the quality of protein with examples.
5. Vegetarian Eggs and Calcium and phosphorous ratio in adults.
6. Glycemic Index of Idly, and Honey.
7. What do you mean by phytochemicals and organic food?
8. Relation of Calcium in pre-menstrual syndrome and colon cancer.
9. Write any one assay as Markers of Oxidative Stress.
10. Relationship of Vitamin “E” and rheumatoid arthritis.
