

(4)

7. Write short notes on: 3+4+4

metabolic disorders

(a) Cholelithiasis
gallstones

(b) Pancreatitis
inflammation of pancreas

(c) Hepatic Coma
encephalopathy due to liver failure

Unit-IV / Food - IV

8. Explain the following: 6+6

inborn errors of metabolism:

(a) Any two inborn errors of carbohydrate metabolism.

phenylketonuria and galactosemia

(b) Gout
hyperuricemia

9. Discuss Hypertension and Atherosclerosis under the following headings: 6+6

Etiology, Symptoms, and dietetic management

of hypertension and atherosclerosis. Discuss the role of diet in the management of these conditions.

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A

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Roll No. _____

S-747

B.Sc. (Part-III) Examination, 2015

HOME SCIENCE (C.N.D.)

Third Paper

(Clinical Nutrition)

Time Allowed : Three Hours] [Maximum Marks : 75

Note : Answer five questions in all. Question No. 1 is compulsory. Attempt one question from each Unit.

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1. Answer the following in brief: 3×10

inborn errors of metabolism:

(i) Glycogenesis
storage of glycogen

(ii) Protein sparing action
of ketone bodies

(iii) Ketogenic diet
for phenylketonuria

(iv) Maple syrup urine disease
deficiency of branched chain amino acid oxidase

