

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID : 182855

Roll No.

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B.TECH.

Theory Examination (Semester-VIII) 2015-16

FOOD PACKAGING

Time : 3 Hours

Max. Marks : 100

Section-A

1. Attempt all the parts. Write answer of each part in short.
(2×10=20)

- (a) What is speciality food ?
- (b) What is balanced diet?
- (c) Define Probiotics with example.
- (d) Define malnutrition.
- (e) Give the condition of Reference Man.
- (f) Define optimum nutritional status.

- (g) What is therapeutic diet?
- (h) Differentiate between digestion of foods in Infants and Adults.
- (i) What is the function of Gall bladder in human body?
- (j) Why increased iron is required in teenage girls than teenage boys?

Section-B

2. **Attempt any five questions.** (10×5=50)

- (a) What is gamma-linolenic acid? Discuss the health benefits of it.
- (b) Discuss the uses of RDA? Give factors affecting the nutritional requirements of an individual.
- (c) Discuss the nutritional requirements of Lactating mother and also suggest menu plan.
- (d) Discuss the nutritional requirements of infants. Also write an explanatory note on Infant Food.
- (e) Enlist gastrointestinal diseases and mention their causes. Why does a person suffer from constipation? Also suggest diet modifications for these.

(2)

- (f) What are Antioxidants? Discuss the health benefits of antioxidants.
- (g) Discuss the metabolism (assimilation) of carbohydrates, fats and protein in human body.
- (h) What is the use of Spices? Define their major properties.

Section-C

Attempt any two questions.

(15×2=30)

- 3. What do you understand by cirrhosis of liver? Give the dietary treatment and menu plan for the disease.
- 4. What is diabetes mellitus? What modifications should be done in the diet for a diabetic patient?
- 5. Differentiate between developmental obesity and reactive obesity. Discuss the method of measurement of obesity. How FAD diets are used to reduce the excessive weight?