

GUJARAT TECHNOLOGICAL UNIVERSITY**BE- Ist /IInd SEMESTER-EXAMINATION – MAY/JUNE - 2012****Subject code: 123304****Date: 07/06/2012****Subject Name: Food science & Nutrition****Time: 10:30 am – 01:00 pm****Total Marks: 70****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Each question carry equal marks

- Q.1** (a) What is food science? Describe about relationship between food & nutrition. **07**
(b) Describe about food groups & its role in maintaining health. **07**
- Q.2** (a) What is food processing? Describe all types of cooking. **07**
(b) Write about water sources, functions & water balance. **07**
- OR**
- (b) Write definition & important of balance diet. **07**
- Q.3** (a) Write on milk, milk product & preservation of milk. **07**
(b) Write short note on preservation of food. **07**
- OR**
- Q.3** (a) Short note of : Recommended Dietary Allowances **07**
(b) Describe about effecting factors of diet planning. **07**
- Q.4** (a) Describe any three major minerals functions, requirement and deficiency syndrome. **07**
(b) Menu planning and its affecting factors. **07**
- OR**
- Q.4** (a) Write on sweet foods and sweetening agents. **07**
(b) Functions, requirement and deficiency of vitamins. **07**
- Q.5** (a) Describe about factors influencing food intake and habits. **07**
(b) Write on evaluation of food and sensory assessment of food. **07**
- OR**
- Q.5** (a) Write on protein nutrients and its deficiency. **07**
(b) Short note: carbohydrates. **07**
