# ASSIGNMENT SET - I

**Department of Nutrition**

**Mugberia Gangadhar Mahavidyalaya**



**Subject- Food Technology, Nutrition and Management**

**Semester-I**

**Paper Code: FTNM12**

# [Fundamentals of Food Technology-II]

**Answer all the questions**

**Unit-1**

1. What do you mean bakery? 2
2. What do you mean confectionary? 2
3. Write the difference between bakery and confectionary. 4
4. Briefly discussed sugar processing technologies from sugar cane with a suitable diagram. 5
5. Briefly discussed sugar processing technologies from beet with a suitable diagram. 5
6. Write a short note on roles of raw materials used in bakery industry. 4

**Unit-2**

1. What do you mean food beverage technology? 2
2. Briefly discussed role of ingredients used in beverage industry. 4
3. Devine natural beverage. 2
4. Define synthetic beverage. 2
5. Write the difference between natural beverage and synthetic beverage. 3
6. Write a short note on dry mix beverage. 3

**Unit -3**

1. What do you mean food plant utilities? 2
2. What do you mean industrial water. 2
3. Write a short note on steam boiler. 5
4. Write a short note on electrical equipment. 3

**Unit-4**

1. What do you mean instrumentation? 2
2. What do you mean process control? 2
3. Briefly discussed hydrostatic balance measurement. 4
4. Write a short not temperature measurement and control. 4
5. Write a short note on with your won words about spectrophotometric analysis. 5

**Unit -5**

1. What do you mean documentation? 2
2. Briefly discussed inspection of raw material in food industry. 4
3. Briefly discussed methods of documentation of raw material to finished product. 5
4. Define labeling. 2
5. Write a short note on labeling of finished product in packaging materials. 3

**Unit- 6**

1. What do you mean industrial safety and hazards? 2
2. Define process hazards. 2
3. Write the origin of process hazards. 2
4. Write the standards and health hazards of industrial substances. 4
5. What do you mean toxicology? 2
6. What do you mean toxic materials and write their properties? 4
7. Briefly discussed effect of dose and exposure time. 4
8. Write a short note on threshold value. 3