



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮುಕ್ತ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
**Karnataka State Open university**

*Department of Food Science and Nutrition*

*M.Sc. Food and Nutrition Sciences*

*Regional Centre:*

**INTERNAL ASSIGNMENT**

**NAME** :

**ENROLLMENT NO** :

**SEMESTER** :

**COURSE** : M.Sc. Food and Nutrition Sciences

**MONTH & YEAR** :

**MOBILE NO** :

**SUBMITTED AT** :

*Assignments*

Sl. No.	Assignment	Page Numbers	Marks Allotted
1			
2			
3			
4			
5			
6			



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**KARNATAKA STATE OPEN UNIVERSITY**  
**Department of Studies and Research in Food Science & Nutrition**  
**Mukthagangotri, Mysore – 570 006, India**

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**Kindly follow the below instruction for writing of Internal Assignment**

1. Internal Assignment must be hand written in A4 size sheets in blue or black pen.
2. Follow the choice provided in answering as provided along with internal assignment questions
3. Typed Internal Assignments will not be accepted.
4. Assignment of PG programmes of Department of Food Science and Nutrition must be submitted to the address given below before the stipulated date
5. Assignment of UG programmes of Science except BCA and B.Sc. (IT) must be submitted to the address given below before the stipulated date
6. **Last Date for the Assignment Submission 31-03-2023.**

Chairperson  
Department of Food Science and Nutrition,  
Science Bhavan, Karnataka State Open University  
Mukthagangotari, Mysuru

**M.Sc. IN FOOD AND NUTRITION SCIENCES  
(CBCS SCHEME) JULY CYCLE-2022-23**

**Answer any TWO questions in the courses you have opted  
Each question carries 10 marks**

**INTERNAL ASSIGNMENT QUESTIONS**

**I SEMESTER**

**MFNSDSC 1.1: ADVANCED NUTRITION - I**

1. Explain nutritional needs of adult.
2. Describe the Body compositional changes during pregnancy.
3. Write on deficiencies of Carbohydrates.
4. Elaborate on regulation of food intake

**MFNSDSC 1.2- FOOD SCIENCE**

1. Write on principles of thermal and non-thermal processing.
2. Describe the products of wheat.
3. Elaborate on nutraceutical properties of spices
4. Explain the techniques used in processing of milk.

**MFNSDSE 1.5- APPLIED PHYSIOLOGY**

1. Explain the role of kidney in excretory system.
2. Describe the structure and function of heart.
3. Write short notes on female reproductive system.
4. Elaborate on cells of Immune system.

### **MFNSDSE 1.6: RESEARCH MEHODOLOGY AND STATISTICS**

1. Write the different types of Research Instruments
2. What are probability and random variable?
3. Describe the research instruements.
4. Explain the tools for Data collection.

### **MFNSDSE 1.7- FOOD CHEMISTRY**

1. Describe the biological changes in food.
2. Write on properties of vitamins
3. Explain Food Additives.
4. Illustrate the different types of browning reactions in foods with suitable examples.

### **MFNSDSE 1.8- NUTRITIONAL EPIDEMIOLOGY**

1. Write in public health aspects of malnutrition
  2. Describe the computer application in epidemiological studies.
  3. Elaborate on role of national and international organizations to combat malnutrition
  4. Explain factors affecting food security system.
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