

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 101	Course Name: Fundamentals of Food and Nutrition

SECTION- A				2*6=12 marks
Q. No.	UNIT 8 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	Write about the different types of nutrients.	2	1, 3, 5	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
2.	Write importance of milk and pulse in diet.	2	1, 5	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Discuss the factors affecting Basal Metabolic Rate?	2	5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
4.	Discuss the importance of fruits and vegetable in diet.	2	1, 5	Remembering & understanding
	UNIT 11 Short answer type question (approx. 200-300 words)			
5.	How can we retain the nutrients of food during cooking? Discuss.	2	5	Remembering & understanding
	UNIT 10 Short answer type question (approx. 200-300 words)			
6.	Write about water borne diseases.	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Discuss the basic food groups giving by example. Explain the importance of each food group in the diet.	6	1, 5	Analyzing & understanding
	UNIT 4 Long answer type question (approx. 500-800 words)			
8.	Define food adulteration. Give common food	6	1, 5	Analyzing &

	adulterants and explain their detection methods.			understanding
	UNIT 7 Long answer type question (approx. 500-800 words)			
9.	Discuss the types and sources of water soluble vitamins. Explain the preventive measures for vitamin C deficiency.	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 102	Course Name: Elementary Anatomy and Physiology

SECTION- A				2*6=12 marks
Q. No.	UNIT 3 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What is Cell?	2	2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
2.	What is Fitness?	2	1, 2, 5	Remembering & understanding
	UNIT 9 Short answer type question (approx. 200-300 words)			
3.	What do you understand by stroke volume?	2	1	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
4.	Describe the Muscular system.	2	1, 3, 5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
5.	Explain the Digestive organs.	2	1, 3	Remembering & understanding
	UNIT 3 Short answer type question (approx. 200-300 words)			
6.	Define Hormone.	2	1	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 2 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Explain in detail about the structure of endocrine glands and adrenal glands.	6	1, 2	Analyzing & understanding
	UNIT 7 Long answer type question (approx. 500-800 words)			
8.	Explain the kinds of bones and its functions.	6	1, 3	Analyzing &

				understanding
	UNIT 6 Long answer type question (approx. 500-800 words)			
9.	Describe the long term effects of exercise on various systems of the body.	6	1, 2	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 103	Course Name: Fundamentals of Nutritional Biochemistry

SECTION- A				2*6=12 marks
Q. No.	UNIT 1 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	Explain about the digestion and Absorption of carbohydrate.	2	1, 2	Remembering & understanding
	UNIT 8 Short answer type question (approx. 200-300 words)			
2.	Essential and Non-Essential amino acid.	2	1	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Iodine value	2	1, 2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
4.	Mineral salts	2	3	Remembering & understanding
	UNIT 7 Short answer type question (approx. 200-300 words)			
5.	Biological role of Inorganic Elements.	2	1, 2	Remembering & understanding
	UNIT 6 Short answer type question (approx. 200-300 words)			
6.	Co-enzyme.	2	3, 4	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	What is Biochemistry? Differentiate between Biochemistry and other science.	6	2, 3	Analyzing & understanding
	UNIT 6 Long answer type question (approx. 500-800 words)			
8.	Define lipids also explain about the types of lipids.	6	1, 2, 3	Analyzing & understanding
	UNIT 9 Long answer type question			

	(approx. 500-800 words)			
9.	Explain in detail about water soluble vitamins.	6	3	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: HNSEC - 01	Course Name: Life Skills Education

SECTION- A				2*6=12 marks
Q. No.	Topic 1 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	Explain the concept of basic life skills.	2	1, 3	Remembering & understanding
	Topic 1 Short answer type question (approx. 200-300 words)			
2.	Explain the characteristics of the group.	2	1, 2	Remembering & understanding
	Topic 2 Short answer type question (approx. 200-300 words)			
3.	What do you understand by self management skills?	2	5	Remembering & understanding
	Topic 2 Short answer type question (approx. 200-300 words)			
4.	Explain the aspects of developing social competence.	2	5	Remembering & understanding
	Topic 2 5 Short answer type question (approx. 200-300 words)			
5.	What is Dialogue?	2	5	Remembering & understanding
	Topic 2 Short answer type question (approx. 200-300 words)			
6.	Personal practice.	2	5	Remembering & understanding
SECTION- B				6*3=18 marks
	Topic 1 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Define life skills and life skills education and explain its importance in daily life.	6	1, 2, 3	Analyzing & understanding
	Topic 2 Long answer type question (approx. 500-800 words)			
8.	Discuss the importance of communication explaining the role of communication in imparting life skills education.	6	5	Analyzing & understanding

	Topic 1 Long answer type question (approx. 500-800 words)			
9.	Elaborate on the main approaches and strategies for implementing life skills.	6	1, 3, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 105	Course Name: Elementary Food Microbiology

SECTION- A				2*6=12 marks
Q. No.	UNIT 8 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	Write about the different types of nutrients.	2	1, 3, 5	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
2.	Write importance of milk and pulse in diet.	2	1, 5	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Discuss the factors affecting Basal Metabolic Rate?	2	5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
4.	Discuss the importance of fruits and vegetable in diet.	2	1, 5	Remembering & understanding
	UNIT 11 Short answer type question (approx. 200-300 words)			
5.	How can we retain the nutrients of food during cooking? Discuss.	2	5	Remembering & understanding
	UNIT 10 Short answer type question (approx. 200-300 words)			
6.	Write about water borne diseases.	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Discuss the basic food groups giving by example. Explain the importance of each food group in the diet.	6	1, 5	Analyzing & understanding
	UNIT 4 Long answer type question (approx. 500-800 words)			
8.	Define food adulteration. Give common food adulterants and explain their detection	6	1, 5	Analyzing & understanding

	methods.			
	UNIT 7 Long answer type question (approx. 500-800 words)			
9.	Discuss the types and sources of water soluble vitamins. Explain the preventive measures for vitamin C deficiency.	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: HNSEC-02	Course Name: Food Safety and Standards

SECTION- A				2*6=12 marks
Q. No.	UNIT 3 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What do you understand by chemistry of Food Poisoning?	2	2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
2.	Describe about Agmark.	2	1, 2, 5	Remembering & understanding
	UNIT 9 Short answer type question (approx. 200-300 words)			
3.	Differentiate between mobility and kinetics of Xenobiotic.	2	1	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
4.	What do you understand by Science of food Poisoning?	2	1, 3, 5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
5.	Describe about the treatment of Food poisoning.	2	1, 3	Remembering & understanding
	UNIT 3 Short answer type question (approx. 200-300 words)			
6.	What do you understand by FPO?	2	1	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 2 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	What do you understand by food poisoning. Explain in detail about its effect on human life.	6	1, 2	Analyzing & understanding
	UNIT 7 Long answer type question (approx. 500-800 words)			
8.	Explain in detail about food safety and standard Act.	6	1, 3	Analyzing & understanding
	UNIT 6 Long answer type question			

	(approx. 500-800 words)			
9.	Explain in detail about Xenobiotic cell and molecular biology.	6	1, 2	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 109	Course Name: Diet Therapy

SECTION- A				2*6=12 marks
Q. No.	UNIT 8 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What do you understand by Chronic Renal?	2	1, 3, 5	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
2.	What do you understand by Food allergy?	2	1, 5	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Discuss the etiological factors and symptoms of underweight.	2	5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
4.	Describe causes and types of diarrhea.	2	1, 5	Remembering & understanding
	UNIT 11 Short answer type question (approx. 200-300 words)			
5.	Describe about the characteristics of dietitian.	2	5	Remembering & understanding
	UNIT 10 Short answer type question (approx. 200-300 words)			
6.	What do you understand by Peptic ulcer?	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Explain about the principles of diet therapy?	6	1, 5	Analyzing & understanding
	UNIT 4 Long answer type question (approx. 500-800 words)			
8.	Why diabetes does happen? Explain its type causes and symptoms.	6	1, 5	Analyzing & understanding
	UNIT 7 Long answer type question			

	(approx. 500-800 words)			
9.	Why hypertension does happen? Discuss its causes.	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 110	Course Name: Food Analysis

SECTION- A				2*6=12 marks
Q. No.	UNIT 3 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What is Fluorometry?	2	2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
2.	What do you understand by examiner?	2	1, 2, 5	Remembering & understanding
	UNIT 9 Short answer type question (approx. 200-300 words)			
3.	What is thermal analysis of food?	2	1	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
4.	Describe about Flame Photo meter.	2	1, 3, 5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
5.	What do you understand by Agmark?	2	1, 3	Remembering & understanding
	UNIT 3 Short answer type question (approx. 200-300 words)			
6.	What is PH meter?	2	1	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 2 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	What do you understand by Food additives? List any five food additives, its uses and limitations.	6	1, 2	Analyzing & understanding
	UNIT 7 Long answer type question (approx. 500-800 words)			
8.	Describe about the different process used for analysis of vitamin B.	6	1, 3	Analyzing & understanding

	UNIT 6 Long answer type question (approx. 500-800 words)			
9.	What is the importance of moisture determination? Explain Karl Fisher reagent Titration.	6	1, 2	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 111	Course Name: Maternal and Child Nutrition

SECTION- A				2*6=12 marks
Q. No.	UNIT 1 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What is colostrums.	2	1, 2	Remembering & understanding
	UNIT 8 Short answer type question (approx. 200-300 words)			
2.	Discuss the importance of maternal nutrition.	2	1	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Low term babies	2	1, 2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
4.	Discuss the advantages of artificial feeding.	2	3	Remembering & understanding
	UNIT 7 Short answer type question (approx. 200-300 words)			
5.	Discuss the process of weaning along with the supplementary feeding practice.	2	1, 2	Remembering & understanding
	UNIT 6 Short answer type question (approx. 200-300 words)			
6.	What do you understand by RDA.	2	3, 4	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Write a note on the complications and dietary management during pregnancy.	6	2, 3	Analyzing & understanding
	UNIT 6 Long answer type question (approx. 500-800 words)			
8.	Describe in detail about the programs that run for maternal and child nutritional health.	6	1, 2, 3	Analyzing & understanding
	UNIT 9 Long answer type question			

	(approx. 500-800 words)			
9.	Explain in detail about the food and food management of infants and children.	6	3	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: HNSEC - 03	Course Name: Computer Application and Statistics

SECTION- A				2*6=12 marks
Q. No.	Topic 1 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What is standard deviation?	2	1, 3	Remembering & understanding
	Topic 1 Short answer type question (approx. 200-300 words)			
2.	What type of distribution is the normal distribution?	2	1, 2	Remembering & understanding
	Topic 2 Short answer type question (approx. 200-300 words)			
3.	What do you understand by Hypothesis?	2	5	Remembering & understanding
	Topic 2 Short answer type question (approx. 200-300 words)			
4.	What do you understand by ANOVA?	2	5	Remembering & understanding
	Topic 2 5 Short answer type question (approx. 200-300 words)			
5.	Write the type of Experimental designs.	2	5	Remembering & understanding
	Topic 2 Short answer type question (approx. 200-300 words)			
6.	What is Factorial design?	2	5	Remembering & understanding
SECTION- B				6*3=18 marks
	Topic 1 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Define statistics while explaining the word statistics. Discuss its importance.	6	1, 2, 3	Analyzing & understanding
	Topic 2 Long answer type question (approx. 500-800 words)			
8.	What do you understand by coordination? Explain correlation coefficient with example.	6	5	Analyzing & understanding
	Topic 1 Long answer type question			

	(approx. 500-800 words)			
9.	What do you understand by Latin square design? Describe it in detail.	6	1, 3, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 113	Course Name: Nutritional Assessment and Surveillance

SECTION- A				2*6=12 marks
Q. No.	UNIT 8 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	Explain Identification and symptoms of deficiency of Vitamin 'A'	2	1, 3, 5	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
2.	Family Education of meal with respect to RDA.	2	1, 5	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Explain about the importance of Expedited Evaluation process.	2	5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
4.	Maternal mortality rate and Infant Mortality rate?.	2	1, 5	Remembering & understanding
	UNIT 11 Short answer type question (approx. 200-300 words)			
5.	What do you by achievement of Fertilizer production?	2	5	Remembering & understanding
	UNIT 10 Short answer type question (approx. 200-300 words)			
6.	What do you understand by Immune system?	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	What do you understand by Diet survey? Explain about its importance and ways to do it.	6	1, 5	Analyzing & understanding
	UNIT 4 Long answer type question (approx. 500-800 words)			
8.	Explain about the different ways of finding	6	1, 5	Analyzing &

	the nutritional status by anthropometric methods.			understanding
	UNIT 7 Long answer type question (approx. 500-800 words)			
9.	What do you by 'nutritional monitoring? What is it's use and how is it done? Explain.	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 114	Course Name: Nutrition and Physical Fitness

SECTION- A				2*6=12 marks
Q. No.	UNIT 3 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	Different ways of measuring the structure of body.	2	2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
2.	Explain about the factors that affect the energy metabolism.	2	1, 2, 5	Remembering & understanding
	UNIT 9 Short answer type question (approx. 200-300 words)			
3.	Describe about the role of water and Electrolytes in Exercise.	2	1	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
4.	Explain about the role of nutrients in the development of nerves.	2	1, 3, 5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
5.	What do you understand by 'Exercise Craze'	2	1, 3	Remembering & understanding
	UNIT 3 Short answer type question (approx. 200-300 words)			
6.	Explain about the importance of health and Nutrition.	2	1	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 2 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Explain in detail about the meaning and definition of Fitness along with it uses.	6	1, 2	Analyzing & understanding
	UNIT 7 Long answer type question (approx. 500-800 words)			

8.	Describe the role of nutraceuticals in Fitness.	6	1, 3	Analyzing & understanding
	UNIT 6 Long answer type question (approx. 500-800 words)			
9.	What do you weight management? Describe its diet plan and principles in detail.	6	1, 2	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 115	Course Name: Food Processing Technology

SECTION- A				2*6=12 marks
Q. No.	UNIT 1 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What is Refrigeration freezing?	2	1, 2	Remembering & understanding
	UNIT 8 Short answer type question (approx. 200-300 words)			
2.	What do you understand by Hypobaric storage?	2	1	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Describe the production and importance of protection of beans.	2	1, 2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
4.	What do you understand by animal food product?	2	3	Remembering & understanding
	UNIT 7 Short answer type question (approx. 200-300 words)			
5.	Explain fermentation process.	2	1, 2	Remembering & understanding
	UNIT 6 Short answer type question (approx. 200-300 words)			
6.	What is Mirco – packaging?	2	3, 4	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Describe in detail about the food procession techniques.	6	2, 3	Analyzing & understanding
	UNIT 6 Long answer type question (approx. 500-800 words)			
8.	Explain in detail about processing technology of plant food products.	6	1, 2, 3	Analyzing & understanding

	UNIT 9 Long answer type question (approx. 500-800 words)			
9.	Describe about the uses of quality control in food processing.	6	3	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 118	Course Name: Nutrition and Health communication

SECTION- A				2*6=12 marks
Q. No.	UNIT 8 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	Describe the characteristics of BCC.	2	1, 3, 5	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
2.	What do you understand by formal communication?	2	1, 5	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Role of communication nutrition.	2	5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
4.	Traditional local media in Gujarat.	2	1, 5	Remembering & understanding
	UNIT 11 Short answer type question (approx. 200-300 words)			
5.	Control of IDD and VAD.	2	5	Remembering & understanding
	UNIT 10 Short answer type question (approx. 200-300 words)			
6.	Explain the strength of HHC.	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Explain the concept of health and principle of communication in detail.	6	1, 5	Analyzing & understanding
	UNIT 4 Long answer type question (approx. 500-800 words)			
8.	Explain the development of NHC in India.	6	1, 5	Analyzing & understanding

	UNIT 7 Long answer type question (approx. 500-800 words)			
9.	Explain the Activities, straight and limitation of IEC government program.	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 05	Course Name: Nutritional Challenges in life cycle

SECTION- A				2*6=12 marks
Q. No.	UNIT 3 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	List the advantages of breast milk.	2	2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
2.	Plan a packed lunch for a 12 year old boy.	2	1, 2, 5	Remembering & understanding
	UNIT 9 Short answer type question (approx. 200-300 words)			
3.	Alzheimer syndrome.	2	1	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
4.	Write a note on binges eating disorder.	2	1, 3, 5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
5.	Give the nutritional importance in adolescent	2	1, 3	Remembering & understanding
	UNIT 3 Short answer type question (approx. 200-300 words)			
6.	Give the RDA for an adult man.	2	1	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 2 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	What do you understand by maternal Nutrition? Describe about the requirements associated with nutrition in the first 1000 days.	6	1, 2	Analyzing & understanding
	UNIT 7 Long answer type question (approx. 500-800 words)			

8.	Differentiate between childhood and adolescence. Explain about Nutrition and problems related to any one of them.	6	1, 3	Analyzing & understanding
	UNIT 6 Long answer type question (approx. 500-800 words)			
9.	Explain in detail about the medicines and psychotic problems in old age.	6	1, 2	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 121	Course Name: Family Meal Management

SECTION- A				2*6=12 marks
Q. No.	UNIT 8 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What do you understand by supplementary allowances?	2	1, 3, 5	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
2.	Dietary supplement.	2	1, 5	Remembering & understanding
	UNIT 2 Short answer type question (approx. 200-300 words)			
3.	Describe about the nutrition in adolescent	2	5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
4.	Describe about nutritional needs of reference man.	2	1, 5	Remembering & understanding
	UNIT 11 Short answer type question (approx. 200-300 words)			
5.	Explain about Food and Nutrition.	2	5	Remembering & understanding
	UNIT 10 Short answer type question (approx. 200-300 words)			
6.	Benefits of Breastfeeding.	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 3 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Explain in detail about the use of ICRM and RDA in diet planning.	6	1, 5	Analyzing & understanding
	UNIT 4 Long answer type question (approx. 500-800 words)			
8.	Explain in detail about the different stages of pregnancy along with nutritional need in pregnancy.	6	1, 5	Analyzing & understanding

	UNIT 7 Long answer type question (approx. 500-800 words)			
9.	Explain in detail about the role of nutrition in growth and development of preschool and school going children.	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: UGHN	
Course Code: UGHN 06	Course Name: Bakery and Quantity Cookery

SECTION- A				2*6=12 marks
Q. No.	UNIT 3 Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	Discuss the chemical composition of cocoa beans.	2	2	Remembering & understanding
	UNIT 4 Short answer type question (approx. 200-300 words)			
2.	What is Baking?	2	1, 2, 5	Remembering & understanding
	UNIT 9 Short answer type question (approx. 200-300 words)			
3.	Icings and Fillings	2	1	Remembering & understanding
	UNIT 5 Short answer type question (approx. 200-300 words)			
4.	Write the flow sheet for chocolate manufacturing.	2	1, 3, 5	Remembering & understanding
	UNIT 1 Short answer type question (approx. 200-300 words)			
5.	Explain the batch making process of caramel.	2	1, 3	Remembering & understanding
	UNIT 3 Short answer type question (approx. 200-300 words)			
6.	Describe the duty and responsibilities of food production employees.	2	1	Remembering & understanding
SECTION- B				6*3=18 marks
	UNIT 2 Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Discuss in detail the following steps in bread preparation.	6	1, 2	Analyzing & understanding
	UNIT 7 Long answer type question (approx. 500-800 words)			
8.	What do you understand by menu planning?	6	1, 3	Analyzing &

	Explain the factors affecting the menu planning.			understanding
	UNIT 6 Long answer type question (approx. 500-800 words)			
9.	Classify the cake ingredients according to requirement and functions and explain briefly their major role.	6	1, 2	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: HUMAN NUTRITION	
Course Code: UGHN-106	Course Name: NORMAL AND THERAPEUTIC NUTRITION

SECTION- A				2*6=12 marks
Q. No.	Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What are the purposes and principles of therapeutic diets?	2	1, 3, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
2.	How are normal diets modified for therapeutic purposes?	2	1, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
3.	Explain the role of dietitians in hospital dietary food service.	2	5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
4.	What are the dietary guidelines for managing underweight?	2	1, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
5.	Describe the dietary modifications recommended for diabetes mellitus.	2	5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
6.	What are the common gastrointestinal disorders, and what are their dietary guidelines?	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Discuss the etiology and dietary guidelines for managing obesity, including the role of bariatric surgery in treatment	6	1, 5	Analyzing & understanding
	Long answer type question (approx. 500-800 words)			
8.	Explain the lifestyle and dietary guidelines for patients with cardiovascular diseases,	6	1, 5	Analyzing & understanding

	covering atherosclerosis, hyperlipidemia, and ischemic heart disease.			
	Long answer type question (approx. 500-800 words)			
9.	Describe the role of medical nutrition therapy in managing hepatitis and cirrhosis, and outline the dietary recommendations for each condition.	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: HUMAN NUTRITION	
Course Code: UGHN-107	Course Name: PRINCIPLES OF FOOD SCIENCE AND COOKING

SECTION- A				2*6=12 marks
Q. No.	Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What are the subjective and objective methods used for the evaluation of food?	2	1, 3, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
2.	Explain the characteristics of sugars found in food sources.	2	1, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
3.	What are the different types of starches? Discuss their sources and uses.	2	5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
4.	How do cooking and processing techniques affect the carbohydrates present in foods?	2	1, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
5.	What are the properties of plant and animal proteins? How are they affected by cooking and processing techniques?	2	5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
6.	Describe the effects of cooking and other processing methods on the nutritive value of fruits and vegetables.	2	1,5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
SECTION- B				6*3=18 marks
	Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Discuss the role of colloidal chemistry in the evaluation of food. How does it relate to food quality and stability?	6	1, 5	Analyzing & understanding
	Long answer type question (approx. 500-800 words)			

	500-800 words)			
8.	Explain the processing techniques involved in preparing gluten structure and the changes that occur in dough during baking. How do these processes influence the final product?	6	1, 5	Analyzing & understanding
	Long answer type question (approx. 500-800 words)			
9.	Analyze the impact of cooking and processing techniques on plant foods, considering examples such as cereals, millets, legumes, nuts, and oilseeds. How do these techniques affect nutritional content and overall quality?	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: HUMAN NUTRITION	
Course Code: AECHRD	Course Name: HUMAN RIGHTS AND DUTIES/ मानवाधिकार—समाजऔरविकास

SECTION- A				2*6=12 marks
Q. No.	Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	मानवाधिकार क्या हैं और ये महत्वपूर्ण क्यों हैं?	2	1, 3, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
2.	मानवाधिकारों को सार्वभौमिक कैसे माना जाता है?	2	1, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
3.	वियना घोषणा और कार्रवाई कार्यक्रम का महत्व स्पष्ट करें।	2	5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
4.	संयुक्त राष्ट्र मानवाधिकार घोषणा के इतिहास, महत्व और उद्देश्यों पर चर्चा करें।	2	1, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
5.	मानवाधिकारों से संबंधित अंतर्राष्ट्रीय प्रतिबद्धताओं के घटक क्या हैं?	2	5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
6.	मानवाधिकार की अवधारणा अंतरराष्ट्रीय संबंधों और वैश्विक विकास के साथ कैसे जुड़ती है?	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	नागरिक और राजनीतिक अधिकारों के साथ-साथ आर्थिक, सामाजिक और सांस्कृतिक अधिकारों पर ध्यान केंद्रित करते हुए, मानव अधिकारों को बढ़ावा देने और उनकी रक्षा करने में अंतर्राष्ट्रीय समझौतों और संधियों की भूमिका का पता लगाएं।	6	1, 5	Analyzing & understanding
	Long answer type question (approx.			

	500-800 words)			
8.	विकास, लोकतंत्र और मानवाधिकारों के बीच संबंधों का विश्लेषण करें, इस बात पर विचार करें कि ये अवधारणाएँ कैसे एक-दूसरे को काटती हैं और एक-दूसरे का समर्थन करती हैं।	6	1, 5	Analyzing & understanding
	Long answer type question (approx. 500-800 words)			
9.	मानवाधिकारों की वकालत करने और वैश्विक स्तर पर राजनीतिक सुधारों को प्रभावित करने में गैर-सरकारी संगठनों (एनजीओ) और अन्य गैर-राज्य अभिनेताओं की प्रभावशीलता का मूल्यांकन करें।	6	1, 3, 4, 5	Analyzing & understanding

Session: 2023-2024	Max. Marks: 30
Program Name: HUMAN NUTRITION	
Course Code: AECHH	Course Name: HEALTH, HYGIENE AND SANITATION

SECTION- A				2*6=12 marks
Q. No.	Short answer type question (approx. 200-300 words)	Marks	Mapped CO	Category
1.	What are the major nutritional problems prevalent at the state, national, and global levels?	2	1, 3, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
2.	Define nutrition intervention and discuss its importance.	2	1, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
3.	Explain the biochemical and metabolic changes associated with protein-energy malnutrition.	2	5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
4.	Discuss the prevalence, causes, and consequences of vitamin A deficiency.	2	1, 5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
5.	What are the principles of personal and environmental hygiene?	2	5	Remembering & understanding
	Short answer type question (approx. 200-300 words)			
6.	Describe the methods of sanitation and hygiene.	2	1,5	Remembering & understanding
SECTION- B				6*3=18 marks
	Long answer type question (approx. 500-800 words)	Marks	Mapped CO	Category
7.	Analyze the impact of nutritional deficiencies on public health, focusing on conditions such as iron deficiency anemia. How can these deficiencies be effectively addressed through interventions?	6	1, 5	Analyzing & understanding
	Long answer type question (approx.			

	500-800 words)			
8.	Discuss the role of dietary factors in the prevention and management of lifestyle disorders.	6	1, 5	Analyzing & understanding
	Long answer type question (approx. 500-800 words)			
9.	Discuss the general principles of hygiene and hygienic practices that should be followed in handling and serving foods.	6	1, 3, 4, 5	Analyzing & understanding