Name:

Enrolment No:

UPES

End Semester Examination, December 2024

Course: Nutrition in Emergencies **Semester: III**

Program: MSc Nutrition and Dietetics **Duration: 3 Hours**

Course Code: HSND 8011P **Max. Marks: 100**

Instructions:

1)All the questions are compulsory

2)Read all questions carefully

S. No.	Section A Short answer questions/ MCQ/T&F (20Qx1.5M= 30 Marks)	Marks	COs
Q 1	**List** two factors of physiological vulnerability during emergencies.	1.5	CO1
Q 2	What is the full form of HACE?	1.5	CO4
Q 3	Define thermogenesis.	1.5	CO4
Q 4	Who discovered Scurvy?	1.5	CO3
Q 5	Define oxidative stress	1.5	CO2
Q 6	What are irradiated foods?	1.5	CO1
Q 7	Define Acute Mountain Sickness.	1.5	CO4
Q 8	Enlist the four steps of the Disaster Cycle.	1.5	CO4
Q 9	What is JSP 456?	1.5	CO4
Q 10	Differentiate between strength and stamina.	1.5	CO3
Q 11	What are ergogenic aids?	1.5	CO2
Q 12	What is COPD?	1.5	CO1
Q 13	What is the full form of ISS, DFRL and NASA?	1.5	CO3
Q 14	Compare strength and stamina using one differentiating point	1.5	CO3
Q 15	List the two factors of Geographical vulnerability during emergencies.	1.5	CO2
Q 16	What physiological change helps the body adapt to high altitudes?	1.5	CO1
Q 17	Name three types of natural disasters based on their origins.	1.5	CO2
Q 18	What is the severe form of altitude sickness involving brain swelling?	1.5	CO1
Q 19	Give one example of a biological disaster.	1.5	CO2
Q 20	What are the three types of undernutrition?	1.5	CO3

Section B (4Qx5M=20 Marks)			
Q 1	Enumerate the positive and negative impacts of disasters.	**5**	**CO3**
Q 2	Differentiate between kwashiorkor and Marasmus.	**5**	**CO1**
Q 3	Explain the dietary recommendations for space travel with the help of the types of food recommended.	**5**	**CO3**
Q 4	Briefly describe the salient features of Sea nutrition.	**5**	**CO4**
Section C (2Qx15M=30 Marks)			
Q 1	a) Classify natural disasters (5 marks) b) Discuss the impact of an emergency on the population, household, and individual levels. (10 marks)	**15**	**CO4**
Q 2	Discuss the various physiological changes that occur in the human body during space missions.	**15**	**CO3**
Section D (2Qx10M=20 Marks)			
Q 1	Describe the effects of Microgravity with the help of a diagram.	**10**	**CO1**
Q 2	Briefly comment on the assessment of nutritional status in emergency-affected populations	**10**	**CO3**