


Name:			
Enrolment No:			
End Semester Examination, December 2024			
Program Name: Int B.M.Sc Nutrition and Dietetics		Semester : VII Sem	
Course Name: Nutrition in Emergencies and Special Conditions		Time : 3 Hours	
Course Code: HSND 8008P		Max. Marks: 100	
Nos. of page(s): 02			
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	Define Acute Mountain Sickness.	1.5	CO1
Q 2	Enlist the four steps of the Disaster Cycle.	1.5	CO4
Q 3	What is JSP 456?	1.5	CO4
Q 4	Differentiate between strength and stamina.	1.5	CO3
Q 5	What are ergogenic aids?	1.5	CO2
Q 6	What is COPD?	1.5	CO1
Q 7	What is the full form of HAPE?	1.5	CO4
Q 8	Give two factors of Geographical vulnerability during emergencies.	1.5	CO4
Q 9	What physiological change helps the body adapt to high altitudes?	1.5	CO4
Q 10	Name three types of natural disasters based on their origins.	1.5	CO3
Q 11	Enlist three negative impacts of a disaster.	1.5	CO2
Q 12	What is the full form of ISS, DFRL and NASA?	1.5	CO1
Q 13	Define oxidative stress.	1.5	CO3
Q 14	How does an intermediate moisture food item differ from a rehydrated food item?	1.5	CO3
Q 15	What is Hypoxia?	1.5	CO2
Q 16	What is the purpose of rehydratable food in space?	1.5	CO1
Q 17	What are intermediate moisture foods?	1.5	CO2
Q 18	What are the two physiological changes in astronauts due to space radiation	1.5	CO1
Q 19	Why is vitamin D supplementation necessary for astronauts?	1.5	CO2
Q 20	What is the severe form of altitude sickness involving brain swelling?	1.5	CO3

Section B (4Qx5M=20 Marks)			
Q 1	Describe the different categories of space food and their specific purposes in space missions.	5	CO3
Q 2	What are the components of Physical fitness?	5	CO1
Q 3	Briefly describe the history of military nutrition.	5	CO3
Q 4	What are the factors leading to the energy deficit during cold-weather military operations?	5	CO4
Section C (2Qx15M=30 Marks)			
Q 1	What are the main functions of a national nutrition program in an emergency? What are the five major nutritional deficiency diseases in emergencies? Write about their causes and symptoms.	15	CO4
Q 2	Discuss the integration of Disaster Risk Reduction (DRR) and Nutrition during emergencies. Why is it important to protect the nutritional status of vulnerable groups?	15	CO3
Section D (2Qx10M=20 Marks)			
Q 1	Describe the effects of Microgravity with the help of a diagram.	10	CO1
Q 2	Describe the various Myths and Facts Regarding Diets for Sport.	10	CO3