

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, 2021

Course: Human Nutrition
Program: M.Sc ND
Course Code:

Semester: Ist
Time 03 hrs.
Max. Marks: 100

SECTION A

- 1. Each Question will carry 5 Marks**
- 2. Instruction: Complete the statement / Select the correct answer(s)**

S. No.	Question	CO
Q 1	<ol style="list-style-type: none"> 1. What does RDA stands for? 2. What is the formula for calculating BMI and its unit? 3. How much should be the weight of reference man and woman according to 2020 RDA? 4. Name all macronutrients. 5. Name food groups defined by ICMR. 	CO1
Q2	What is the purpose of Nutritional assessment?	CO2
Q3	Why are nutraceutical important for sustaining good health?	CO3
Q4	What are the factors that affect RDA?	CO 4
Q5	Define the term: Fortification and Bioavailability of nutrients.	CO5

Q6	How nutrition transition had affected health of individuals?	CO4
SECTION B		
1. Each question will carry 10 marks 2. Instruction: Write short / brief notes		
Q 7	What is balance diet? Discuss the nutritional contribution of each food groups according to ICMR.	CO1

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Q 8	Define the term BMR. Explain the factors that affect BMR.	CO2
Q 9	What is the need of Nutrition survey? How did National nutrition survey conducted by government helped common people?	CO3
Q 10	Explain in detail the functioning of Bomb calorimeter along with the labelled diagram.	CO1
Q 11	How does infection affect immunity and nutritional status of the individual?	CO5
Section C		
1. Each Question carries 20 Marks. 2. Instruction: Write long answer.		
Q12	<p>Discuss the different methods of nutritional assessment along with suitable examples.</p> <p style="text-align: center;">OR</p> <p>Describe the significance of Genetically modified. What according to you are the pros and cons associated with them?</p>	CO4