

Name:

Enrolment No:



**UPES**

**End Semester Examination, May 2023**

**Course: Diet in Disease**

**Program: MSc Nutrition and Dietetics**

**Course Code: HSND 7007**

**Semester : II**

**Duration : 3 Hours**

**Max. Marks: 100**

**Instructions: Read carefully**

S. No.	Section A Short answer questions/ MCQ/T&F (20Qx1.5M= 30 Marks)	Marks	COs
Q 1	What are the cause for gluten intolerance disease?	1.5	1
Q 2	AS per RDA 2021 minimum requirement of Zinc .....for man a) 19mg/day b) 20mg/day c) 21mg/day d) None of the above	1.5	1
Q 3	Pyrogenic cytokines and PGE are involve in ----- a) High blood pressure b) CVD c) Fever d) None of these	1.5	1
Q 4	Vegetable groups are classified majorly in _____ groups a) 2groups b) 3groups c) 4groups d) 5groups	1.5	1
Q 5	Diabetes diet is includes..... a) Low sugar diet b) low Salt diet c) Low protein diet d) None of these	1.5	2
Q 6	Which one of the following is one of the symptom of Hyper-thyroidism a) fatigue b) mood swings c) swelling of hands d) all of the above	1.5	2
Q 7	Protective foods are essential for immunity and it is available in ..... a) Dietary fat Sources b) Vitamins, minerals and fiber Sources c) Carbohydrate Sources	1.5	1

	d) Protein Sources		
Q 8	What is the full form REE in term of energy expenditure? a) Resting energy expenditure b) Rapid energy expenditure c) Rapid enzyme expenditure d) Resting enzyme expenditure	1.5	2
Q 9	Write two lines of effects of glycemic load on gestational diabetes?	1.5	2
Q 10	Define Galactosemia?	1.5	3
Q 11	What is insulin resistance?	1.5	2
Q 12	Define gall stones disease?	1.5	2
Q 13	Write two major causes of pulmonary disorders?	1.5	1
Q 14	Write major nutrient responsible for Hypertension and Atherosclerosis in patients?	1.5	1
Q 15	The first form of gallbladder stone are formed .....substances	1.5	3
Q 16	Chemicals that can induce cancer are called..... (a) mutagenic agents and produce benign tumor (b) carcinogens and produce non-malignant tumor (c) mutagenic agents and do not produce malignant tumor (d) Carcinogens and produce malignant tumor	1.5	2
Q 17	Chronic kidney disease symptoms are..... (a) fatigue (b) loss of appetite (c) swelling of hands (d) all of the above	1.5	1
Q 18	Which one of the following does not contain fat and oils? (a) Meat, (b) cheese, (c) fruits (d) Egg.	1.5	2
Q 19	The ..... Organ of the body has the capacity of regeneration after damage.	1.5	1
Q 20	What is role of fiber in heart disease give brief answer?	1.5	1
<b>Section B</b> <b>(4Qx5M=20 Marks)</b>			
Q 1	Explain pathophysiology of Nonalcoholic fatty liver disease?	5	1
Q 2	Describe the brief process of digestion, absorption and metabolism of major nutrients?	5	2
Q 3	Describe difference between food allergies and intolerances?	5	4
Q 4	Discuss the sodium level and Hypertension problem?	5	3
<b>Section C</b> <b>(2Qx15M=30 Marks)</b>			
Q 1	<b>Case 1:</b> One patient admit in hospital with itchy skin, swelling of the lips, runny, blocked nose with fever. <ul style="list-style-type: none"> <li>• Identify his problem with name? 5marks</li> <li>• What are the reason of above disease? 5marks</li> <li>• Write symptoms and prevention of disease? 5marks</li> </ul>	15	4
Q 2	<b>Case 2:</b> One case admit in hospital with chest pain, cold sweating discomfort, shortness of breath. <ul style="list-style-type: none"> <li>• Identify above disease with name? 5marks</li> </ul>	15	3

	<ul style="list-style-type: none"> <li>• What are the risk factors of above disease? 5marks</li> <li>• Write down major dietary treatment of disease? 5marks</li> </ul>		
<b>Section D</b> <b>(2Qx10M=20 Marks)</b>			
Q 1	Discuss about the effect of drug dose on food with relevant examples?	10	5
Q 2	Describe the complications and treatment of Menke's disease?	10	5