

Name:

Enrolment No:



UPES

End Semester Examination, May 2023

Course: Diet in Disease

Program: MSc Microbiology

Course Code: HSND 70070

Semester : II

Duration : 3 Hours

Max. Marks: 100

Instructions:

S. No.	Section A Short answer questions/ MCQ/T&F (20Qx1.5M= 30 Marks)	Marks	COs
Q 1	How would you identify peptic ulcer disease in any patient? Give two clinical symptoms?	1.5	1
Q 2	If foods blended in a blender for special case then is called ... a) Hospital diet b) Routine diet c) Bland diet d) Soft diet	1.5	1
Q 3	Which one of the following is known as modifiable risk factor of hypertension ? a) Age b) smoking c) Family history d) Gender	1.5	1
Q 4	Define clinical and biochemical tools for anthropometric measurement?	1.5	2
Q 5are a class of special diets that limit or restrict the amount of specific nutrients like calories, fats, salt and other substances based on the patient's medical needs. a) Soft diet b) bland diet c) Restricted diets d) Solid diet	1.5	2
Q 6	What is total calorie of 40 gram pulses as per exchange list?	1.5	1
Q 7	How would you identify kidney disease in any patient? Give one major clinical change?	1.5	1
Q 8	One gram of sugar providekcal energy?	1.5	1

Q 9	After taking food a sharp increase in postprandial blood glucose concentration that declines rapidly is called a) Low GI Food b) High GI Food c) Moderate GI Food d) Functional Food	1.5	2
Q 10	What is Rheumatoid arthritis? (a) It occurs below the waist (b) It is more painful than other forms (c) It generally occurs above the waist (d) It is symmetrical, affecting the right and the left sides of the body	1.5	1
Q 11	Which one of the following is one of the symptom of pancreatitis: (a) fatigue (b) loss of appetite (c) swelling of hands (d) all of the above	1.5	2
Q 12	A lack of which of these will result in abnormally large red blood cells and a condition called megaloblastic anemia? A. Oxygen B. Vitamin C C. Vitamin B-12 and folic acid D. Carbon dioxide	1.5	1
Q 13	Write down the principle of diet therapy?	1.5	1
Q 14	Normal level of sodium for hypertension patient.....	1.5	1
Q 15	Which of these can cause gastritis? a) Being overweight b) Lying down soon after eating a large meal c) Eating high-fat foods d) All of the above	1.5	2
Q 16	Define thalassemia?	1.5	1
Q 17	Write normal level of fasting blood sugar?	1.5	1
Q 18	Plaque is deposition ofin artery.	1.5	3
Q 19	How would you identify the NIDDM in male, write down two sign and symptoms?	1.5	2
Q 20	Write three factors which affect cardio vascular activity?	1.5	1
Section B (4Qx5M=20 Marks)			
Q 1	Discuss about galactosemia?	5	1
Q 2	Describe etiology and pathophysiology of Wilson disease?	5	2
Q 3	Explain Alcohol and nutrient interaction?	5	3
Q 4	Write down dietary treatment of malaria?	5	4

Section C (2Qx15M=30 Marks)			
Q 1	<p>An 56-year-old woman admit in hospital with ascites and pain, She experienced nausea and breathless. She has fever of 39.4 C (103 F), severe muscle pain.</p> <ol style="list-style-type: none"> 1. Identify the name of disease. 2 marks 2. What are the biochemical test used for the confirmation of disease? 3 marks 3. What type of diet you can suggest to above patient? 5 marks 4. What are the possible causes and risk factors associated with the disease? 5 marks 	15	5
Q 2	<p>A 42 years man, weight 69 kg, height 5feet 7 inch, visited hospital with complains of upper abdominal pain, heartburn, nausea and sometimes vomiting. She was experienced of poor heart rate. Pain aggravated at night after taking large meal.</p> <ol style="list-style-type: none"> 1. Identify the name and complication of disease. 2 marks 2. Calculate her dietary requirement of nutrient? 3 marks 3. What type of interventions you suggested the patient? 5 marks 4. What are the possible causes and risk factors associated with the disease? 5marks 	15	4
Section D (2Qx10M=20 Marks)			
Q 1	Discuss the pathophysiology of cardiac problem and associated disorders?	10	3
Q 2	Describe the effect of different drug dose on food intake?	10	2