

<b>Name:</b>	
<b>Enrolment No:</b>	

**UPES**  
**End Semester Examination, December 2024**

<b>Course:</b> Dietary Management in Advance Disease	<b>Semester : III</b>
<b>Program:</b> MSc (Nutrition & Dietetics)	<b>Duration : 3 Hours</b>
<b>Course Code:</b> HSND8010P	<b>Max. Marks: 100</b>

**Instructions:** Read instructions carefully

S. No.	Section A Short answer questions/ MCQ/T&F (20Qx1.5M= 30 Marks)	Marks	COs
Q1	What are the reactive oxygen species (ROS)?	1.5	CO1
Q2	What are the signs of liver disease?	1.5	CO2
Q3	What is the function of nephrons in the kidneys?	1.5	CO1
Q4	How can diabetes lead to kidney disease?	1.5	CO2
Q5	What is the principle of diet therapy?	1.5	CO1
Q6	How does oxidative stress damage cells?	1.5	CO2
Q7	How is CAR T-Cell therapy important for cancer?	1.5	CO1
Q8	What is hemorrhagic shock?	1.5	CO1
Q9	What are the common symptoms of the CVD?	1.5	CO1
Q10	Enlist two causes of lung cancer.	1.5	CO1
Q11	What are third degree burns?	1.5	CO1
Q12	What is leukemia?	1.5	CO2
Q13	How is fluid balance monitored post-operatively?	1.5	CO1
Q14	What is the purpose of post-operative follow-up appointments?	1.5	CO2
Q15	What is lymphoma, and how is it classified?	1.5	CO1
Q16	What does DASH stand for?	1.5	CO2
Q17	What foods comes in the category of mediterranean diet?	1.5	CO1
Q18	What is trauma?	1.5	CO1
Q19	What is the normal level of total cholesterol in adult man and woman?	1.5	CO1
Q20	What is inflammation? Give two examples of inflammatory diseases.	1.5	CO2

**Section B**

<b>(4Qx5M=20 Marks)</b>			
<b>Q1</b>	Discuss the clinical complication and dietary treatment of ESRD.	<b>5</b>	<b>CO3</b>
<b>Q2</b>	Discuss the flow process of dialysis with diagram and steps.	<b>5</b>	<b>CO2</b>
<b>Q3</b>	Differentiate between burn and trauma.	<b>5</b>	<b>CO3</b>
<b>Q4</b>	Brief about the types of cancer with clinical effects.	<b>5</b>	<b>CO3</b>
<b>Section C</b>			
<b>(2Qx15M=30 Marks)</b>			
<b>Q1</b>	<p>Case Study: A 30-year-old patient has just been diagnosed with HIV after being presented with flu-like symptoms and undergoing testing.</p> <p>1) What are common initial symptoms of HIV infection, and how do they differ from chronic HIV? 5 marks</p> <p>2) How does early initiation of antiretroviral therapy (ART) impact HIV progression? 5 marks</p> <p>3) How could other health conditions affect treatment decisions for this patient? 5 marks</p>	<b>15</b>	<b>CO4</b>
<b>Q2</b>	<p>Case Study: A 45-year-old patient presents with severe abdominal pain, vomiting and is diagnosed with inflammation in pancreas.</p> <p>1) Explain the pathophysiology of acute pancreatitis and how it leads to pancreatic tissue damage. 5 marks</p> <p>2) Discuss how gallstones and alcohol consumption contribute to the pathogenesis of pancreatitis. 5 marks</p> <p>3) How does pancreatitis affect blood glucose regulation and insulin secretion? 5 marks</p>	<b>15</b>	<b>CO4</b>
<b>Section D</b>			
<b>(2Qx10M=20 Marks)</b>			
<b>Q1</b>	<p>1) Discuss the pathophysiology and clinical aberrations of breast cancer. 5 marks</p> <p>2) State dietary intervention for breast cancer patients. 5 marks</p>	<b>10</b>	<b>CO3</b>
<b>Q2</b>	<p>1) Explain pathophysiology of metabolic syndrome. 5 marks</p> <p>2) Discuss the special hospital diets for cardiac patients. 5 marks</p>	<b>10</b>	<b>CO2</b>