UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2022

Course: Nutrition Therapy in Disease   **Semester   : V**
Program: BSc FND   **Duration   : 03 hrs.**
Course Code: HSCC3001   **Max. Marks: 100**

Instructions: Read question carefully

Q	Statement of question		CO
1.	Which one of term refers to the kidney filtration? (a) hepatic (b) bile juice (c) GFR (d) urinary bladder	**1.5**	CO1
2.	What is the formula of BMR and Fat percentage?	**1.5**	CO2
3.	A Systematic approach to providing high-quality nutrition care is known as …… a) Nutrition case studies b) Nutrition care Process c) Nutrition health process d) Nutrition life process	**1.5**	CO3
4.	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**	CO2
5.	According to NCP,Physical measurements that can be compared to standards in order to reveal the nutritional status, growth, and health of an individual is called	**1.5**	CO1

	a) Anthropometric measurement b) Biochemical test c) Clinical test Nutritional test		
6.	Write flow diagram mechanism of hemodialysis?	**1.5**	CO2
7.	Write down five examples of soluble and insoluble fiber?	**1.5**	CO3
8.	A diet containing no solid food is called …. a) soft diet (b) bland diet (c) liquid diet (d) solid diet	**1.5**	CO2
9.	Which one of the following is bland diet? (a)full fluid diet (b) soft diet (c) clear liquid diet (d) No spices diet	**1.5**	CO3
10.	People on dialysis have to maintain following nutrient? (a) Protein (b) carbohydrate (c) fiber (d) liquid	**1.5**	CO2
11.	How would you identify liver disease in any patient?	**1.5**	CO3
12.	A pureed diet refers to all foods blended in a blender useful for Ulcer patient is called … a) Hospital diet b) Routine diet	**1.5**	CO2

	c) Blenderized diet d) Soft diet		
13.	Which of the following is strong dietary intervention for cardiac patient a) Low sodium, high fiber and low cholesterol b) High fiber, low fat and low sugar c) Low carbohydrate, low fat and high protein d) High protein, high fiber, low cholesterol and low sodium	**1.5**	CO3
14.	……. a type of chest pain that occurs due to decreased blood flow into the heart a) Angina, b) Congenital heart disease c) Heart failure, d) Arrhythmia	**1.5**	CO1
15.	Which one of the following is known as modifiable risk factor of cardiac disease? a) Age , b) smoking c) Family history d) Gender	**1.5**	CO2
16.	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**	CO2
17.	IGT is known as ……. a) Impaired glycemic test b) Impaired glucose tolerance c) Impaired glucose test d) Ignored glucose test	**1.5**	CO1

18.	The definition for reference Indian adult man and woman are modified with regard to age and a body weight a) 19- 39y instead of 20-39y and 65 kg and 55 kg respectively b) 18- 40y instead of 20-39y) and 65 kg and 55 kg respectively c) 20- 39y instead of 20-39y) and 66 kg and 55 kg respectively d) 19- 39y instead of 30-39y) and 60 kg and 55 kg respectively	**1.5**	CO1
19.	Inadequate nutrition over a long period of time gives …. a) Acute malnutrition b) Chronic malnutrition c) Protein malnutrition d) Protein energy malnutrition	**1.5**	CO2
20.	……are 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**	CO1
	Section B	**(4Qx5M=20 Marks)**	CO
Q	Statement of question		
1.	One 54 year man suffering with fever and body ache, what kind of diet you will suggest for him? Write down his disease prelim identification. Prepare diet chart for him?	5	CO1
2.	How would you identify the NIDDM in male, write down sign and symptoms?	5	CO3
3.	Compile hospital diet in terms of soft diet plan for Covid 19 patient?	5	CO1
4.	Illustrate hyperthyroidism with symptoms?	5	CO2
	Section C	**(2Qx15M=30 Marks)**	
Q	Statement of question		CO
1.	A 56 years woman, weight 69 kg, height 5feet 2inch, visited hospital with complains of upper abdominal pain, heartburn, nausea and sometimes	15	CO3

	vomiting. She was experienced of poor heart rate. Pain aggravated at night after taking large meal. 1. Identify the complication. 1 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? 4 marks What are the complications of the disease? 2 marks		
2.	A 78-year-old man admit in hospital with ascites and muscle cramps, he experienced nausea and breathless. He has fever of 39.4 C (103 F), severe muscle pain. 1. Identify the disease. **2 marks** 2. What are the biochemical test used for the confirmation of disease? **3 marks** 2. What type of diet you can suggest to above patient? **5 marks** 3. What are the possible causes and risk factors associated with the disease? **5 marks**	15	CO1
	Section D	**(2Qx10M=20 Marks)**	
Q	Statement of question		CO
1.	• Describe the pathophysiology of renal disease? 5 marks • Discuss dietary interventions of pancrease disease? 5 marks	10	CO3
2.	• Explain type of diet with example? 5 marks • Discuss principle of therapeutic modification of normal diet? 5 marks	10	CO2