GALGOTIAS UNIVERSITY

ADMISSION NUMBER

School of Nursing

Bachelor of Science in Nursing
Semester End Examination - Jun 2024

Duration : 180 Minutes
Max Marks : 75

Sem II - BIOC135NUTR140 - Applied Biochemistry and Applied Nutrition and Dietetics

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1)	Retrieve what is a primary protein source in dairy products.	K1(1)
2)	Recognize what is the primary function of vitamin A in the body.	K1(1)
3)	Associate what can be the primary cause of Protein-energy malnutrition (PEM)?	K1(1)
4)	State by giving a suitable example what animal products can be considered NOT the significant source of the protein?	K1(1)
5)	Identify by giving a suitable example what could be the significant source of carbohydrates in the diet.	K1(1)
6)	State what is nutrition.	K1(1)
7)	Associate what role does the food exchange system play in meal planning for individuals with diabetes?	K1(1)
8)	Identify how the food exchange system helps individuals manage their diet.	K1(1)
9)	Quote which kind of food group can be included in the diet to promote regular bowel movements and prevent constipation?	K1(1)
10)	Tell what could be the primary purpose of the food exchange system.	K1(1)
11)	Observe The Food Frequency Questionnaire (FFQ) method is primarily used for what purpose.	K1(1)
12)	Quote, what can be of the characteristic sign of Kwashiorkor?	K1(1)
13)	Discuss what actual meaning of the dietary fibers.	K2(2)
14)	Relate the Nutritive Value of the milk and milk Products.	K2(2)
15)	Quote what is cellulose	K1(2)
16)	Recognize the difference between macronutrients and micronutrients.	K1(2)
17)	Interpret how creatinine clearance is calculated, and what does it	K5(5)

indicate about kidney function.

18)	Interpret the basic structure of an immunoglobulin molecule.	K5(5)
19)	Conclude the key enzymes involved in muscle diseases, and how are they clinically assessed	K5(5)
20)	Conclude the significance of measuring blood urea nitrogen (BUN) levels in renal function tests.	K5(5)
21)	Expalin how biliverdin is converted into bilirubin.	K5(5)
22)	Predict what kind of diets we can provide to the pre-operative and the post-operative patients by estimating the guidelines one needs to follow while preparing the menu planning for them.	K5(15)
23)	Assess what exactly the meaning of Meal/Menu Planning and Coordinate the Principles and the steps involved in it while doing any Meal/Menu planning	K5(15)