



BRAINWARE UNIVERSITY

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Kolkala, West Bengal-700125

Term End Examination 2022
Programme – B.Sc.(FND)-Hons-2022
Course Name – Human Nutrition
Course Code - BFNC101
(Semester I)

		·		
	Marks: 60 e figure in the margin indicates full m	Time: 2:30 H	lours	
Ę	· W	ords as far as practicable.]	nwc	
		Group-A		
_		tiple Choice Type Question) 1 x 15	=15	
1.	Choose the correct alternative from	the following :		
(i)	Write name of the food component the human body	that is required for the growth and maintenance of		
	a) Carbohydrate	b) Protein		
	c) Minerals	d) Fat		
(ii)	Name the food component which g	gives energy to our body?		
	a) Water	b) Vitamins		
	c) Minerals	d) Carbohydrates		
(iii)	Name the nutrient present in Guav	a, Lemon, Orange and Tomato		
	a) vitamin A	b) vitamin B		
	c) vitamin C	d) vitamin D	-	
(iv)	Select the mineral is present in onions, broccoli, fresh fruits, milk, eggs, iodized salt?			
	a) Phosphorus	b) Sodium		
	c) Fat	d) Carbohydrate		
(v)	Select which is a characteristic feat	ture of epithelial cells of the intestine?		
	a) Glottis	b) Pilus		
	c) Bolus	d) Microvilli		
(vi)	Predict the reason of an infant wh stool; due to	o feed only on mother's milk and passes yellow colored		
	a) Casein	b) Bile pigments		
	c) Pancreatic pigments	d) None of the above		
· (vii	Identify the name of protein defic	,		
	a) Scurvy	b) Anaemia		
	c) Kwashiorkor	d) None of the above		

(viii) Choose the fat to which is preferable in high blood cholesterol patient?

a) Ghee c) Dalda	b) Vegetable Oil	Rainware University Baressi Brainware University Baressi 398, Rambishnapur Bangal 700125 Kokata, West Bangal 700125		
(ix) Choose the nutrient which provides the greatest	d) Lard	398, Raming West Being		
a) protein	t energy value per gram	KOKALE		
c) carbohydrate	b) fat			
(x) State the protein of an adult male each day according to the state of the protein of an adult male each day according to the state of the state	d) water			
a) 240g	ording to RDA?			
c) 120g	b) 24g			
(xi) Select the term when starch is as at :	d) 60g			
(xi) Select the term when starch is cooking in moist	condition?			
a) oxidize	b) caramelize			
c) gelatinize (xii) Identify the characteristics of	d) coagulate			
(xii) Identify the characteristics of marasmus				
a) swelling of limbs	b) replacing tissue proteins			
c) impaired growth	d) protein deficiency			
(xiii) Select the full form of BMR?	, , , , , , , , , , , , , , , , , , , ,			
a) Body Meter Rate	b) Body Metabolic Rate			
c) Basal Meter Rate	d\ D 1 s s . 1 . 11			
(xiv) Identify the incorrect statement about Marasn	nus.			
 a) Pregnancy in lactation period 				
c) Less than one year old infants are affected	b) Protein rich diet replace d) Simultaneously deficier	es mothers milk ncy of calories and		
(xv) write the full form of RDA?	proteins			
a) Retired Daily Allowancesc) Recommended Dietary Allowances	b) Recommended Dairy A	Allowances llowances		
	roup-B			
(Short Answe	er Type Questions)	3 x 5=15		
2. Discuss the adverse effects of tannin.	•			
Explain the factors affecting of BMR.	•	. (3)		
4. Classify gastrointestinal tract into its parts				
5. Write the name of different types of vitamin with examples.				
6. Formulate the energy requirement of an adult sedentary worker (male and female).				
	OR ·	emale). (3)		
Write the difference between reference man a	nd woman.	(3)		
	Group-C			
(Long Answ	er Type Questions)	5 x 6=30		
	•	3 x 0-30		
7. Explain the roles of functional foods		(=)		
8. Discuss the nutrient composition of rice.		. (5) . (5)		
9. Explain the process of evaluation of the quality of egg.				
10. Recommend the dietary guidelines and nutritional requirement of lactating women.				
11. Distinguish between macro and micro minera	al?			
12. Explain the specific dynamic action of foods.	· ·	(5)		
	OR	(5)		
Describe the dietary guidelines for an old pe				
7 Balacillies for all old pe		(5)		

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