C.U.SHAH UNIVERSITY Summer Examination-2018

Subject Name : Nutrition & Biochemistry

Subject Code : 4NS01NUB1		Branch: B.Sc. (Nursing)		
Year : 1 st	Date : 28/09/2018	Time : 02:00 To 05:00	Marks : 75	

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.
- (5) Use separate answer book for Section A and Section B

SECTION-A (NUTRITION)

Q-1		Attempt the following questions:	(05)
	a)	Deficiency of vitamins C leads to	1
	b)	The deficiency of cobalamin is cause	1
	c)	Vitamin C aids inabsorption.	1
	d)	FAO stands for	1
	e)	PFA Act was introduced in	1
Attem	pt any	one questions from Q-2 to Q-3:	
Q-2		Attempt all questions	(15)
	a)	Define nutrients	2
	b)	Classification of carbohydrates	7
	c)	Explain the factors that are affecting food and nutrition	6
Q-3		Attempt all questions	(15)
_	a)	Definition of Balance diet	2
	b)	Explain the menu plan for pregnant women	7
	c)	Role of nurse in nutrition education	6
Q-4		Attempt any five questions from A to G:	(25)
	A	Methods of cooking	5
	B	Protein energy malnutrition (PEM)	5
	С	Mid day meal program	5
	D	National agencies	5
	Ε	Explain the Regulation of electrolytes and its mechanism	5
	F	Food preservation	5
	G	Therapeutic diet	5



SECTION-B (BIOCHEMISTRY)					
Q-5		Attempt the following questions:	(05)		
	a)	is the smallest unit of body.	1		
	b)	ELISA stands for	1		
	c)	The power house of the cell	1		
	d)	The cell membrane made up ofand	1		
	e)	GABA stands for	1		
Attem	pt any	one questions from Q-6 to Q-7:			
Q-6		Attempt all questions	(10)		
	a	What is Enzyme	3		
	b	Describe the Urea cycle	7		
Q-7		Attempt all questions	(10)		
	a	Define human cell	03		
	b	Write about Transport mechanism	07		
Q-8		Attempt any three questions from A to E:	(15)		
	A	Fluid mosaic model	5		
	B	Glucose tolerance test	5		
	С	Structure of cell	5		
	D	Nonessential amino acid	5		
	Ε	Metabolism of carbohydrates	5		

