

Enrollment No: _____ Exam Seat No: _____

C. U. SHAH UNIVERSITY
Summer Examination-2020

Subject Name : Nutrition & Biochemistry

Subject Code : 4NS01NUB1

Branch: B.Sc. (Nursing)

Year : 1

Date : 26/02/2020

Time : 02:30 To 05:30

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.
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SECTION-A (NUTRITION)

- Q-1 Attempt the following questions. (05)**
- a) Define minerals. 1
 - b) Deficiency disease due to vitamin A. 1
 - c) Define cookery. 1
 - d) Define body mass index. 1
 - e) Define balance diet. 1
- Attempt any one questions from Q-2 to Q-3:**
- Q-2 Attempt all questions (15)**
- a) Define mal- nutrition . 2
 - b) Write the difference between kwashiorkor and marasmus. 5
 - c) Write in details Nutritional National policy 8
- Q-3 Attempt all questions (15)**
- a) Define carbohydrate. 2
 - b) Write the rich sources of carbohydrate 5
 - c) Write in detail digestion and absorption of carbohydrate. 8
- Q-4 Attempt any five questions from A to G: (25)**
- A Write nutritional problem in India. 5
 - B Rich sources of protein. 5
 - C Digestion and absorption of fat. 5
 - D Function of calcium. 5
 - E Write note on preventive food adulteration . 5
 - F Composition of body fluids. 5
 - G Roll of nurse in nutritional national programme. 5



SECTION-B (BIOCHEMISTRY)

Q-5	Attempt the following questions	(05)
	a) Function of cell.	1
	b) Define poly saccharide.	1
	c) Function of lipoprotein.	1
	d) Define atherosclerosis	1
	e) Define electrophoresis.	1
	Attempt any one questions from Q-6 to Q-7:	
Q-6	Attempt all questions	(10)
	a) Classification of vitamins.	3
	b) Write absorption and storage of vitamins.	7
Q-7	Attempt all questions	(10)
	a) Write composition of amino acid and protein.	5
	b) Metabolism of nitrogen	5
Q-8	Attempt any three questions from A to E:	(15)
	A Metabolism of fatty acid.	5
	B Regulation of blood glucose level.	5
	C Structure and classification of immunoglobins.	5
	D Regulation of vitamin D.	5
	E Classification of enzyme.	5

