

BCH426: TISSUE BIOCHEMISTRY COURSE LECTURERS: Dr. A.T. ABDULAZEEZ and Mr. A. BALOGUN



جامعة الحكمة، إلورن-نيجيريا

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FACULTY OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF BIOLOGICAL SCIENCES
B.Sc. BIOCHEMISTRY PROGRAMME
2019/2020 ACADEMIC SESSION
B. Sc. BIOCHEMISTRY PROGRAMME
COURSE OUTLINE FOR

COURSE CODE: BCH 426

COURSE TITLE: TISSUE BIOCHEMISTRY

CREDIT UNIT: 3

26 LECTURE PERIODS: Mondays, 4 pm – 5 pm; Tuesdays 11 am – 1 pm

STUDENTS SHOULD NOTE THAT AFTER EVERY TOPIC THERE SHALL BE A SHORT CONTINUOUS ASSESSMENT TEST ON GOOGLE CLASSROOM PLATFORM

LECTURE PERIOD	DATE	TOPIC	COURSE LECTURER
1	24th February, 2020	Muscle ➤ Classification and Structure of Muscle	Mr. Balogun, A.
2	25th February, 2020	Muscle ➤ Protein Composition of Muscle fibre	Mr. Balogun, A.
3	2nd March, 2020	Muscle ➤ Mechanism of Muscle contraction	Mr. Balogun, A.
4	3rd March, 2020	Muscle ➤ Rigor Mortis ➤ Sources of energy in Muscle contraction	Mr. Balogun, A.
5	9th March, 2020	Nerve and Neurotransmitters ➤ Classification and structure of nerve	Mr. Balogun, A.
6	10th March, 2020	Nerve and Neurotransmitters ➤ Transmission of nerve impulse along axon	Mr. Balogun, A.
7	16th March, 2020	Classification of Neurotransmitters and their ➤ Synthesis ➤ release mechanism ➤ storage and functions	Mr. Balogun, A.
8	17th March, 2020	Neurotransmitters ➤ Regulation of neurotransmitters	Mr. Balogun, A.
9	23rd March, 2020	Hormones ➤ Definition and Classification of Hormones	Mr. Balogun, A.

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10	24th March, 2020	Mechanism of Hormone action ➤ Second messenger systems mechanism	Mr. Balogun, A.
11	30th March, 2020	Mechanism of Hormone action ➤ Nuclear Receptor mechanism.	Mr. Balogun, A.
12	31st March, 2020	Liver ➤ Structure and Functional units	Dr. (Mrs.) Abdulazeez, A.T.
13	6th April, 2020	Liver ➤ Distribution of nutrients ➤ Urea synthesis	Dr. (Mrs.) Abdulazeez, A.T.
14	7th April, 2020	Liver ➤ Excretory functions	Dr. (Mrs.) Abdulazeez, A.T.
15	13th April, 2020	Liver ➤ Biotransformation reaction	Dr. (Mrs.) Abdulazeez, A.T.
16	14th April, 2020	Kidney • Structure and Functional units.	Dr. (Mrs.) Abdulazeez, A.T.
17	20th April, 2020	Renal Functions • Filters Wastes • Maintains Blood pH	Dr. (Mrs.) Abdulazeez, A.T.
18	21st April, 2020	Urine • Urine formation • Composition of urine	Dr. (Mrs.) Abdulazeez, A.T.
19	27th April, 2020	Blood • Cellular components of Blood • Transports Metabolites in Interorgan Metabolic Pathways	Dr. (Mrs.) Abdulazeez, A.T.
20	28th April, 2020	Blood • Cellular components of Blood • Transports Metabolites in Interorgan Metabolic Pathways	Dr. (Mrs.) Abdulazeez, A.T.
21	4th May, 2020	Plasma protein • Structure • Classification and Functions	Dr. (Mrs.) Abdulazeez, A.T.
22	5th May, 2020	Plasma protein • Structure • Classification and Functions	Dr. (Mrs.) Abdulazeez, A.T.
23	11th May, 2020	Final C.A. Test	
24	12th May, 2020	Final C.A. Test	
25	18th May, 2020	Revision Week	
26	19th May, 2020	Revision Week	