

## ELIZADE UNIVERSITY ILARA-MOKIN ONDO STATE

FACULTY: Basic and Applied Sciences

**DEPARTMENT: Physical and Chemical Sciences** 

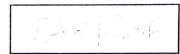
SECOND SEMESTER BSc DEGREE EXAMINATIONS

2017/2018 ACADEMIC SESSION

**COURSE CODE: BCH 406** 

COURSE TITLE: TISSUE BIOCHEMISTRY

**DURATION: 2 Hrs** 



HOD's SIGNATURE

TOTAL MARKS: 60 marks

Matriculation Number:

## **INSTRUCTIONS:**

- 1. Write your matriculation number in the space provided above and also on the cover page of the exam booklet.
- 2. This question paper consists of 1 page with printing on both sides.
- 3. Answer all questions in the exam booklet provided.
- 4. More marks are awarded for problem solving method used to solving problems than for the final numerical answer.
- 5. Box your final answers. Marks will be deducted for untidy work.
- 6. At the end of this examination, place the question paper inside the exam booklet.
- 7. Attempt any (3) of four (4) questions

COURSE: BCH 406 (TISSUE BIOCHEMISTRY)
Instruction: Answer three (3) Questions TIME ALLOWED: 2 HRS

(1)	Write short notes on the biochemistry of any four (4) of the following biological ent	
	i. Thyroid and parathyroid gland	5 marks
	ii. Gonads and pineal gland	5 marks
	iii. Circadian rhythm	5 marks
	iv. Natural killer cells	5 marks
	v. Acquired immunodeficiency syndrome	5 marks
(2a)	Describe the process of glomerular filtration in the kidney	14 marks
(2b)	List at least six (6) other functions of the kidney you are familiar with	6 marks
(3a)	What are clotting factors?	5 marks
(3b)	Describe the process of blood coagulation in a mammalian system	15 marks
(4a)	Briefly describe the mechanism of action of hormones with cell surface receptors	10 marks
(4b)	Discuss the biochemical process involved in mammalian vision	10 marks