

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
SCHOOL OF POSTGRADUATE STUDIES
DEPARTMENT OF OPTOMETRY
2018/2019 RAIN SEMESTER EXAMINATION

OPT 846: Advanced Ocular Pharmacology

Credit: 2 Units

Time allowed: 2 hours

Instruction: Answer any 4 questions

- 1) Explain 4 ways to increase bioavailability of ocular drugs in the anterior chamber (25 marks)
- 2) Discuss 3 approaches in the provision of ocular drug delivery in the posterior segment (25 marks)
- 3) Explain 3 ways of preventing the spread of antibiotic resistance (25 marks)
- 4) Discuss the mechanism of drug toxicity (25 marks)
- 5) Write on the ocular effects of drug abuse of the following drugs:
 - a) Caffeine (12.5 marks)
 - b) Alcohol (12.5 marks)
- 6) Discuss drug toxicity of the following ophthalmic drugs:
 - a) Corticosteroids (10 marks)
 - b) Antibiotics (10 marks)
 - c) Anti-viral agents (5 marks)