

OLABISI ONABANJO UNIVERSITY  
FBMS, OACHS, DEPARTMENT OF PHARMACOLOGY,  
PHA 305 (CARDIOVASCULAR AND RENAL PHARMACOLOGY)  
HARMATTAN SEMESTER EXAMINATION

2017/2018 Session

Date : 9<sup>th</sup> Feb, 2018

Time: 1 hour

THEORY: ANSWER ALL THE QUESTIONS

1. (a). (i) Define and classify hypertension (4 marks) (25)  
(ii) Discuss the various causes of essential hypertension? (8 marks)  
What causes an arrhythmia? (4 marks)
- (b). With named examples, explain the mechanism of action of the three selected groups of antihypertensive drugs (9 marks)
2. (a). Highlight the lifestyle modifications in the primary prevention of hypertension (5 marks) (25)
- (b). Discuss Class III and IV groups of anti-arrhythmics drugs using the following sub-heading
- i Mechanism of action (10 marks)
  - ii Common adverse effects (6 marks) Give at least two specific examples of drugs per class (4 marks)