

Sec 11/12/13/02/19

**OLABISI ONABANJO UNIVERSITY, AGO-IWOYE.**  
**FACULTY OF SOCIAL AND MANAGEMENT SCIENCES**  
**DEPARTMENT OF GEOGRAPHY AND REGIONAL PLANNING**  
**GEOGRAPHY AND REGIONAL PLANNING**  
**2014/2015 RAIN SEMESTER EXAMINATION**  
**B.Sc Degree Examinations**

**Course Title: SPATIAL ORGANISATION**

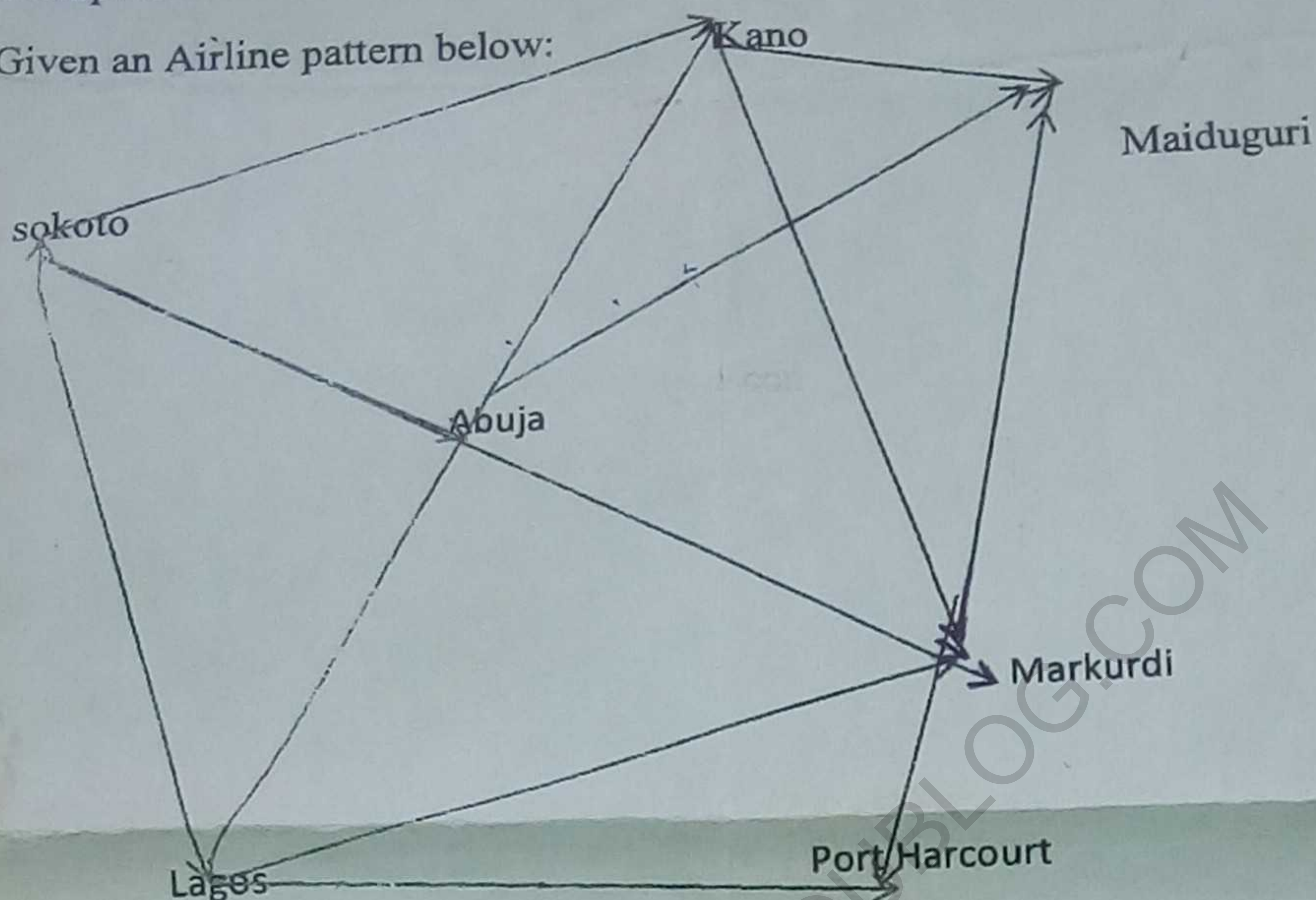
**Couse Code: GRP 222**

**Time Allowed: 2 Hours**

**Instruction: Answer Four (4) questions including question 1.**

1. (a) Attempt the definition of Geography as a Spatial Science.

(b) Given an Airline pattern below:



- Calculate (i) Cyclomatic Number  
(ii) The Beta Index  
(iii) The Alpha Index  
(iv) The Gamma Index

**25Marks**

2. With specific examples, differentiate between Spatial Pattern and Spatial Process. **15Marks**

3. Discuss the arguments of major proponents of Environmental Determinism and Environmental Possibilism. **15Marks**

4. Write short note on the following:

(a) Concentric Circle Theory (b) Sector Theory (c) Multi-Nuclei Theory **15Marks**

5. Differentiate between Potential Model and Gravity Model, **15Marks**

6. Examine the basic assumptions and criticisms of Walter Christaller Central Place Theory. **15Marks**

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