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OLABISI ONABANJO UNIVERSITY AGO-IWOYE NIGERIA
FACULTY OF SOCIAL AND MANAGEMENT SCIENCES
DEPARTMENT OF GEOGRAPHY AND REGIONAL PLANNING
TRANSPORT PLANNING AND MANAGEMENT PROGRAMME

HARMATTAN SEMESTER EXAMINATION 2014/2015 SESSION

B.Sc. Degree Examinations

Course Code: TPM 317
Course Title: Road Freight Transport
Instruction: Attempt Four (4) Questions in ALL. Two questions from section A and two questions from section B including question Q4.
Date: Monday, 17th June 2015.

Time Allowed: 2hrs

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SECTION A

1. (a) Discuss various means of transport known to you.
   (b) Describe briefly any five (5) types of vehicle for freight transport.

2. Identify and discuss the relationship that exists among the three components of freight transportation.

3. List and discuss five (5) main type of railway motive power known to you.

SECTION B

4. Two towns A and B are competing for their location as the capital of neighbouring communities. The nodes and links of town A is 15 and 20 respectively while that of town B is 18 and 20 respectively. The total length of roads in Kilometres of town B is 220,000 and that of town A is a score percentage of towns B.
   You are required to:
   (i) Use table to show computation of all network measures known to you.
   (ii) Use your computation in (i) to decide on the town that is likely to be selected for the capital.

5. Road Classification in Nigeria is more than its administrative and functional classification. Discuss.

6. List and discuss measures of accessibility and connectivity in graph theory.