

**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**FACULTY OF SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL SCIENCE AND RESOURCE**  
**MANAGEMENT**  
Plot 91, Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja  
**2024 1 EXAMINATION**

**COURSE CODE: ESM 301**

**COURSE TITLE: INTRODUCTION TO CONFLICT RESOLUTION**

**CREDIT: 2 Units**

**TIME ALLOWED: 2 Hours**

**Instruction:** Attempt question number ONE (1) and any other TWO (2) questions. Question number one (1) carries 30 marks, while the other questions carry (20) marks each.

**QUESTION 1**

- (a) Discuss briefly the Philosophical perspectives of peace (5 marks)
- (b) Explain the basic assumptions of Coercion Model (5 marks)
- (c) Identify two types of Economic conflict and explain their characteristics (10 marks)
- (d) What is the relevance of the Marxist conflict theory to Nigeria's society today? (6 marks)
- (e) Define crime against Peace according to Charter annexed in an agreement of 8th of August 1945? (4 Marks)

**QUESTION 2**

- (a). Explain Oil as a conflict commodity (5 Marks)
- (b). Would you say oil spillage affects the environment? Justify your answer (5 Marks)
- (c). Highlight major causes of population displacement in some parts of Nigeria (10 marks)

**QUESTION 3**

- (a) Identify reasons why conflict analysis is important in conflict resolution (7 Marks)
- (b) Explain Actor Analysis Matrix (5 Marks)
- (c) Mention various methods of conflict analysis (8 Marks)

**QUESTION 4**

- (a). Explain some traditional methods of Conflict Resolution? (6 Marks)
- (b). Describe the conflict management and the Early Warning System of Conflict Management (10 Marks)
- (c). identify the compositions of early warning system (EWS) (4 Marks)

**QUESTION 5**

- (a). Define environment from different perspective? (10 marks)
- (b). Explain major factors that contribute to environmental degradation in Nigeria. (5 Marks)
- (c). Outline different types of environments as categorized by John Rau and David Wooten (5 Marks)

#### QUESTION 4

- a) Briefly explain the difference between these two models.

$$Y = \alpha_0 + \beta x_1 \dots \dots \dots \text{eq 1}$$

$$Y = \alpha_0 + \beta x_1 + e_i \dots \dots \dots \text{eq 2}$$

**5marks**

- b) Why is regression method important in econometrics? **4.5marks**
- c) Let  $\hat{\alpha}$  and  $\hat{\beta}$  be the estimated value of the  $\alpha$  and  $\beta$  respectively. specify the sample regression line. **2marks**
- d) Briefly explain unbiasedness of  $\hat{\beta}$  **3marks**
- e) Enumerate any three methods of carrying out normality test analysis. **3marks**

#### QUESTION 5

- a) Econometrics can be divided into two main categories. List and discuss the categories of econometrics and state their similarities. **8.5mark**
- b) The following are hypothetical data for daily wage (X) and weekly spending on foods stuff (Y) by five students in National Open University of Nigeria.

Students	A	B	C	D	E
Daily Wage (X)	5	6	8	10	11
Weekly Spending (Y)	4	7	5	11	8

Using the deviation form Compute and interpret the correlation coefficient. **9marks**

4a. (i) Define Continuous Assessment and (ii) mention three (3) rationales for using it in schools. (8 marks)

4b. Identify and explain, four (4) principles of concept learning according to Dienes (12 marks)