



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_1 EXAMINATION...

COURSE CODE: EHS320

COURSE TITLE: ENVIRONMENTAL HEALTH ECONOMIC

COURSE UNITS: 2 CREDIT UNITS

TIME ALLOWED: 1½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS

- 1 (a) What are the primary concerns of health economics? **2 marks**
- (b) Explain five (5) factors that distinguish health economics from other areas of economics **5 marks**
- (c) i Why is Asymmetric information in healthcare important? **3 marks**
ii. Highlight the significance of Environmental health economics **2 marks**
- (d) i State three (3) objectives of studying Environmental health economics **3 marks**
ii Highlight the three (3) relationships between environmental health and economic development? **3 marks**
- (e) Identify the key components of Environmental health economics **2 marks**
- 2(a) Analyze the role of economic incentives in promoting environmental health **2 marks**
- (b) Evaluate the impact of environmental health policies on public health outcomes **3 marks**
- (c) i Briefly discuss the challenges in conducting economic evaluations of Environmental health interventions **4 marks**
ii. Define the concept of derived demand in healthcare **2 marks**
iii State the two (2) roles individuals play in health economics according to the World Health Report **1 mark**
- (d) Explain Michael Grossman's model of health production **3 marks**
- (e) Analyze five (5) factors that determine the optimal level of health an individual will demand

- 10 marks**
- 3 (a) Evaluate the impact of changes in healthcare prices on health demand **5 marks**
- (b) Explain the importance of health economics in health policy **4 marks**
- (c) How does ill-health impact economic growth and productivity? **5 marks**
- (d) i Briefly elaborate how socioeconomic factors influence access to health services **4 marks**
- ii Identify four key concepts in health financing **2 marks**
- (e) Explain how diseases impact economic performance in feedlots? **5 marks**