



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

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