



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi – Abuja
FACULTY OF HEALTH SCIENCES
2021_1 EXAMINATION ...

Course Code: EHS 308
Course Title: Environmental Biotechnology
Course Unit: 3 Credit Units
Time Allowed: 2 Hours
Total Score: 70 Marks

ANSWER ALL

- Q1 (a) Write a succinct notes on the underlisted biotechnological terms
- i. Fermentation 10 marks
 - ii. Bioremediation 10 marks
- (b) Enumerate five (5) benefits of biotechnology 5 marks
- Q2 Give brief explanation of the following, give relevant examples in each case
- (a) Green biotechnology 10 marks
 - (b) White Biotechnology 10 marks
- Q3 (a) What is Genetic Engineering? 2 ½ marks
- (b) State the three (3) methods of Genetic Engineering 3 marks
- (c) Mention five (5) examples of Transgenic Crops 2 ½ marks
- Q4 (a) What is botano-remediation? 2 marks
- (b) Outline five (5) advantages of botano-remediation 5 marks
- (c) Enumerate five (5) advantages of Biotechnology to Health Care Delivery marks