



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi – Abuja
FACULTY OF HEALTH SCIENCES
2022_2 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
 - ii. Bioremediation
- (b) Enumerate five (5) benefits of biotechnology
- Q2 Give brief explanation of the following, give relevant examples in each case
- (a) Green biotechnology
 - (b) White Biotechnology
- 10 marks
- Q3 (a) What is Genetic Engineering?
- (b) State the three (3) methods of Genetic Engineering
 - (c) Mention five (5) examples of Transgenic Crops
- Q4 (a) What is botano-remediation?
- (b) Outline five (5) advantages of botano-remediation
 - (c) Enumerate five (5) advantages of Biotechnology to Health Care Delivery marks