



NATIONAL OPEN UNIVERSITY OF NIGERIA

91Cadastral Zone, NnamdiAzikwe Expressway, Jabi, Abuja

FACULTY OF EDUCATION

APRIL/MAY EXAMINATION 2019_1

COURSE CODE: SED834
COURSE TITLE: SCIENCE, TECHNOLOGY AND SOCIETY
CREDIT UNIT: 3
TIME ALLOWED: 3 HOURS
INSTRUCTION: ANSWER QUESTION ONE AND ANY OTHER THREE

1. (a) Define the following terms: (i) Biotechnology (ii) Biotechnology Education (5marks)
(b) Discuss the FOUR career outlets in Biotechnology as explained by Kille (10marks)
(c) Discuss the opportunities of Biotechnology to Nigeria (10marks)
(Total Marks = 25, Time = 66min)
2. (a) Explain TEN attributes of a scientifically literate person as adopted by the National Teachers' Association (10marks)
(b) Evaluate any FIVE goals of Third National Development Plan (5 marks)
(Total Marks = 15, Time = 38min)
3. (a) Describe the problems internet presents to its business users (7 marks)
(b) Identify Eight applications of Information Technology in Nigeria (8 marks)
(Total Marks = 15, Time = 38min)
4. (a) Discuss Five problems caused by the menace of environment to a developing nation (7 ½ marks)
(b) Highlights Five advantages of waste recycling to a developing nation (7 ½ marks)
(Total Marks = 15, Time = 38min)
5. (a) State the differences between directed activities related to text and industrial simulation teaching strategies of science technology and society (5marks)
(b) Explain FIVE general ecological impact of oil spillage (10marks)
(Total marks = 15, Time = 38minutes)