



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Plot 91 Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja.**  
**DEPARTMENT OF SCIENCE EDUCATION<sup>1678</sup>**

**EXAMINATION:** 2021\_2  
**COURSE CODE:** SED412  
**COURSE TITLE:** INDUSTRIES AND INDUSTRIALIZATION  
**CREDIT UNIT:** 2

**TIME ALLOWED:** 2HOURS

**INSTRUCTION:** ANSWER QUESTION ONE AND ANY OTHER TWO

**QUESTION 1.**

- (a) In the year 2017, the Minister for Science and Technology issued a press release on the National Science and Technology Innovation Roadmap (NSTIR). Briefly describe the term “science and technology” and state any five (5) attributes that are common to both. **(10marks)**
- (b) You have been appointed as Guest Lecturer at a National Colloquium to discuss Nigeria as a technologically backward nation. (i) Enumerate the five (5) major points that will take the lead in your presentation which can clearly show that Nigeria is truly backward technologically **(10 marks)**  
(ii) State five (5) possible causes, with brief explanations of this tragedy **(10 marks)**

**(Total = 30 marks)**

**QUESTION 2**

- a) Provide a succinct definition of the term Industry and briefly describe any three of its major sectors. **(8 marks)**
- b) Considering the available Market Based Classification System for industries, briefly describe the acronym “GICS” and highlight any five of its main sectors. **(8 marks)**
- c) Enumerate four (4) features of Industry Classification Benchmarks (ICB) **(4 marks)**

**(Total = 20 marks)**

**QUESTION 3**

In the year 2020, Nigeria marked her 60<sup>th</sup> independent anniversary. Development expert have however decried the “crisis of development” that has bedeviled the largest black African nation in the world. Make a critical analysis of this crisis, citing about ten (10) causes of this dilemma by examining the roles of the colonial masters towards preventing the growth of science, technology and industrialisation until the establishment of the 1<sup>st</sup>

Research Institute in the country.

**(Total = 20 marks)**

**QUESTION 4**

The demand for information goods and services for both the consumers and businesses is on the increase.

- (a) Provide 2 examples each of such goods under consumers and businesses’ needs. **(8 marks)**
- (b) Articulate any two (2) reasons why informative industry is considered very important. **(4 marks)**
- (c) Provide any 4 classifications of information industries with brief description of each of them **(8 marks)**

**(Total = 20 marks)**