**

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**University Village, Plot 91 Cadastral Zone, NnamdiAzikiwe Express Way, Jabi - Abuja.**

**FACULTY OF SCIENCES**

**ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT**

**JANUARY/FEBRUARY 2018 EXAMINATIONS**

**COURSE CODE: ESM 431 CREDIT UNITS: 2**

**COURSE TITLE: ENVIRONMANTAL HEALTH AND SAFETYTime Allowed: 2 Hours**

**INSTRUCTION:** Attempt question number one (1) and any other three (3).

**1a.** Give the full meaning of the following acronyms:

(a) EEC**(1mark)**, (b) NESREA(**1mark)**, (c) HFC**(1mark)**, (d) VOC**(1mark**), (e) OGEPA**(1mark)**

**1b**. List four benefits of occupational health and safety audits **(4marks)**

**1c.** Mention five reasons for scheduling a pre-audit meeting before actual audit **(5marks)**

**1d.** Define Strategic Environmental Assessment (SEA) as stated by Therivel (2004) **(3marks)**

**1e.** Comment on global warming and climate change as important elements in environmental studies (**5marks)**

**1f.** Define Environmental Management Systems (**3marks)**

**2.** Explain the negative impact of man’s activities through the following factors:

1. Global warming **(3marks)**
2. Climate change **(3marks)**
3. Food webs **(3marks)**
4. Waste recycling and disposal **(3marks)**
5. Fresh water **(3marks)**

**3.** Discuss the processes of Environmental Impact Assessment (EIA).**(15marks)**

**4a.** List any four categories of Environmental aspects (**4marks)**

**4b.** How is Planning an important element in Environmental Management Systems **(7marks)**

**4c.** Comment on any four elements of Environmental Audit. (**4marks)**

**5.** Discuss the costs of industrial accidents. **(15marks)**