

## ESM104 List of Questions

*Latex formatted questions may not properly render*

**Q1** \_\_\_\_\_ is not part of the biotic components

- ☐ producer
- ☐ consumer
- ☐ decomposer
- ☐ intervention

**Q2** The term "Climate" can be defined as a synthesis or an \_\_\_\_\_ weather.

- ☐ amalgam
- ☐ average
- ☐ condition
- ☐ paramout

**Q3** Industrialization and acid rain pollution are twin brothers that always go together

- ☐ urbanisation
- ☐ pollution
- ☐ industrialisation
- ☐ deforestation

**Q4** The series of floods which hit the city of Kano between August 6 and 13, 1986 culminating in the collapse of the \_\_\_\_\_ dam

- ☐ kainji
- ☐ shiroro
- ☐ baguda
- ☐ jebba

**Q5** \_\_\_\_\_ have a cooling effect on the temperature of the lower atmosphere.

- ☐ rain
- ☐ gas
- ☐ zinc
- ☐ Aerosols

**Q6** \_\_\_\_\_ can also be defined as the highest value of the stage or discharge of a stream during the water year

- ☐ erosion
- ☐ rains
- ☐ floods
- ☐ hydrography

**Q7** The most important pollutants as far as climate modification concerned are CO<sub>2</sub>, fluorocarbons, sulfur compound and \_\_\_\_\_

- ☐ dust (aerosols).
- ☐ oxygen
- ☐ lead
- ☐ water vapour

**Q8** \_\_\_\_\_ has about 8.6 million hectares (21.2 million acres) of forest, covering a quarter of the total area.

- ☐ nigeria
- ☐ poland
- ☐ china
- ☐ france

**Q9** \_\_\_\_\_ may also have other beneficial uses if they can be properly controlled and managed

- ☐ floods
- ☐ rains
- ☐ acid rain
- ☐ erosion

**Q10** \_\_\_\_\_ are known to counteract or model warming effect of CO<sub>2</sub>.

- ☐ rain
- ☐ gas
- ☐ zinc
- ☐ Aerosols

**Q11** \_\_\_\_\_ and Norwegian scientists were the first to successfully draw international attention to the problem of acid rain based

on the research

- ☐ nigeria
- ☒ Swedish
- ☐ england
- ☐ hungary

**Q12 The \_\_\_\_\_ produces about 3.5 million tones of SO<sub>2</sub> per year, making it the fourth biggest producer in the world (united nation 1987)**

- ☒ United Kingdom
- ☐ poland
- ☐ hungary
- ☐ france

**Q13 Over half of \_\_\_\_\_ air pollution originates in neighbouring countries**

- ☐ nigeria
- ☒ hungary
- ☐ china
- ☐ france

**Q14 The former Soviet Union is the world's \_\_\_\_\_ producer of sulphur oxide (SO<sub>2</sub>)'**

- ☒ largest
- ☐ lowest
- ☐ middle
- ☐ least

**Q15 The essence of \_\_\_\_\_ is that every effect has a cause, and as far as human activities and human behaviour are concerned**

- ☒ determinism
- ☐ possibilism
- ☐ probabilism
- ☐ concept

**Q16 The living or biotic components can be divided into \_\_\_\_\_**

- ☐ four
- ☒ three
- ☐ two
- ☐ one

**Q17 \_\_\_\_\_ is any area on the earth's surface consisting of organisms interacting with one another and with the physical environment**

- ☐ biology
- ☐ Autotrophes.
- ☒ an ecosystem
- ☐ environment

**Q18 The plants are self nourishing and that is why they are referred to as \_\_\_\_\_**

- ☐ mesotrophes
- ☒ Autotrophes.
- ☐ parasites
- ☐ biotic

**Q19 It has been estimated that a gram of rich top soil may contain as many as one million algae, 16 million mould (fungi) and several million \_\_\_\_\_**

- ☒ bacterial
- ☐ insects
- ☐ plants
- ☐ animals

**Q20 In the \_\_\_\_\_ microscopic life forms are greater in number than the larger or visible life forms (plants and animals)**

- ☐ atmosphere
- ☐ lithosphere
- ☒ biosphere
- ☐ hydrosphere

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☐ biosphere

☐ hydrosphere

**Q41 Hydrological cycle describes the endless interchange of water between the ocean, air and land.**

☐ FALSE

☐ TRUE

☐ hydrography

☐ oceanography

**Q42 Water is also a geomorphic agent important for the process of weathering**

- ☒ TRUE
- ☐ FALSE
- ☐ temperature
- ☐ wind

**Q43 invisible drought is less easily recognized unlike others where we can see the evidence**

- ☒ TRUE
- ☐ FALSE
- ☐ seasonal
- ☐ permanent

**Q44 according to ayode 1988, drought can be classified into four**

- ☐ FALSE
- ☒ TRUE
- ☐ two
- ☐ one

**Q45 Essentially, possibilism and probabilism are not the same but are very close.**

- ☒ TRUE
- ☐ FALSE
- ☐ environmentalist
- ☐ geographer

**Q46 Possibilism does not say that environmental factors are not important**

- ☐ environmentalist
- ☐ geographer
- ☒ TRUE
- ☐ FALSE

**Q47 The consumer are all the organisms which depend on the producers for food, either directly or indirectly**

- ☐ FALSE
- ☒ TRUE
- ☐ the ecosystem
- ☐ the decomposer

**Q48 The biosphere lies at the interface of the lithosphere, atmosphere and the hydrosphere**

- ☒ TRUE
- ☐ FALSE
- ☐ lithosphere
- ☐ atmosphere

**Q49 The metaphyta are aquatic and at the same time live in terrestrial environment**

- ☒ TRUE
- ☐ FALSE
- ☐ biosphere
- ☐ hydrosphere

**Q50 The doctrine or concept of environmental determinism is an idea among geographer**

- ☐ scientist
- ☐ environmentalist
- ☐ TRUE
- ☒ FALSE

**Q51 The biosphere is also referred to as the organic world**

- ☒ TRUE
- ☐ FALSE
- ☐ biosphere
- ☐ hydrosphere

**Q52 A better system of grouping the biosphere is one which recognizes four different groups in the biosphere**

- ☒ TRUE
- ☐ FALSE
- ☐ biosphere

- ☐ hydrosphere

**Q53 Metazora are the true animals including man, and we have wide variation of these groups. Man, insects, worms and those whose cells are organised and specialised.**

- ☐ FALSE
- ☒ TRUE
- ☐ inbetween
- ☐ unsure

**Q54 The stratosphere starts from 10 km to 17 km above the earth surface and extends to a height of about 35 km.**

- ☐ 1
- ☐ FALSE
- ☐ biosphere
- ☐ hydrosphere

**Q55 The hydrological cycle consists of two phases**

- ☒ TRUE
- ☐ FALSE
- ☐ biosphere
- ☐ hydrosphere

**Q56 Drought is not a recent phenomenon in Nigeria**

- ☐ inbetween
- ☐ unsure
- ☐ FALSE
- ☒ TRUE

**Q57 physical oceanography studies the extent and shape of the ocean basin, the structure and relief of their floors, the movement of sea water, its temperature and salinity.**

- ☒ TRUE
- ☐ FALSE
- ☐ biosphere
- ☐ hydrosphere

**Q58 The major ocean of the world is the pacific**

- ☐ FALSE
- ☒ TRUE
- ☐ inbetween
- ☐ unsure

**Q59 limnology Is the scientific study of lakes, fresh water and ponds.**

- ☐ FALSE
- ☒ TRUE
- ☐ inbetween
- ☐ unsure

**Q60 There are four branches of oceanography**

- ☒ TRUE
- ☐ FALSE
- ☐ biosphere
- ☐ hydrosphere

**Q61 The study of environmental science will stress the understanding of the \_\_\_\_\_ system and the processes of the earth, their implication on man and their impact on man as the impact of man on these processes.**

- ☒ natural
- ☐ human
- ☐ biological
- ☐ chemical

**Q62 In Eco-Science, \_\_\_\_\_ is on the realms of biological phenomenon.**

- ☐ physics
- ☒ interaction
- ☐ chemistry
- ☐ faith

**Q63 The fairly homogenous part of the atmosphere is referred to as the \_\_\_\_\_**

- ☐ atmosphere
- ☐ lithosphere
- ☐ heterosphere
- ☐ **homosphere**

**Q64 On June 5, 1972, the First \_\_\_\_\_ Conference on the Human environment was open at Stockholm**

- ☐ **United Nations**
- ☐ benin
- ☐ nigeria
- ☐ france

**Q65 The \_\_\_\_\_ can be described as a gaseous envelope held to the earth by gravitational forces**

- ☐ **atmosphere**
- ☐ hydrosphere
- ☐ lithosphere
- ☐ inbetween

**Q66 The 1972 stockholm conference was attended by nations \_\_\_\_\_**

- ☐ 101
- ☐ **102**
- ☐ 103
- ☐ 104

**Q67 The Tbilisi Recommendations provide a substantial forting for the decision making in environmental \_\_\_\_\_**

- ☐ design
- ☐ law
- ☐ science
- ☐ **education**

**Q68 In October, 1975, an International Workshop on Environmental Education was held in \_\_\_\_\_**

- ☐ france
- ☐ **belgrade**
- ☐ stockholm
- ☐ canada

**Q69 The global concern for human environment started in \_\_\_\_\_**

- ☐ **1949**
- ☐ 1999
- ☐ 1967
- ☐ 2409

**Q70 The interaction of \_\_\_\_\_ on the natural systems can be looked at from two view points**

- ☐ **man**
- ☐ animals
- ☐ environment
- ☐ ecosystem

**Q71 There are the \_\_\_\_\_ ways in which environmental science is different from the present science like physics, chemistry and biology**

- ☐ **three**
- ☐ four
- ☐ five
- ☐ six

**Q72 There are \_\_\_\_\_ realms of the environment.**

- ☐ one
- ☐ two
- ☐ three
- ☐ **four**

**Q73 In Geoscience, interaction is on the realms of physical phenomenon \_\_\_\_\_**

- ☐ **strahler and strahler, 1972**
- ☐ henry adams 1978
- ☐ bogun 1978

☐ unsure

**Q74 \_\_\_\_\_ states that environmental science can be defined as the study of all systems of air, land, water, energy and life that surrounds man.**

- ☐ henry agbebaaku 2000
- ☐ strahler and strahler 1972
- ☐ henry doch 1823
- ☐ samson dadur 1766

**Q75 What is really new about environmental science is its \_\_\_\_\_ point**

- ☐ views
- ☐ end
- ☐ unsure
- ☐ inbetween

**Q76 There are \_\_\_\_\_ types of the natural environment**

- ☐ four
- ☐ three
- ☐ two
- ☐ five

**Q77 There are \_\_\_\_\_ types of environment.**

- ☐ two
- ☐ three
- ☐ inbetween
- ☐ unsure

**Q78 In Nigeria, in spite of much published speeches, there is no \_\_\_\_\_ that clearly define environment.**

- ☐ Executive
- ☐ legislative
- ☐ unsure
- ☐ inbetween

**Q79 The environment of the human includes: the abiotic factors of land, water, atmosphere, climates, sound, odours, and \_\_\_\_\_; the basic factors of animals, plants, bacteria and viruses.**

- ☐ noise
- ☐ tastes
- ☐ abotic
- ☐ natural

**Q80 The course writer of ESM104 introduction to environmental science is \_\_\_\_\_**

- ☐ cecila meduppin
- ☐ samson
- ☐ ogbayemi segun
- ☐ henry