

**COVENANT UNIVERSITY
NIGERIA**

*TUTORIAL KIT
OMEGA SEMESTER*

**PROGRAMME: ESTATE
MANAGEMENT**

COURSE: ESM 327

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ESM 327: ENVIRONMENTAL CHALLENGES

CONTRIBUTOR: MRS. PETER

1. To cope with the range of problems confronting the environment, there is the need for government to initiate broad innovative actions. Discuss broad programs you think government needs to embark upon to ensure a sustainable environment in Nigeria especially in the area of solid waste management.
2. Water is an indispensable resource. Whether used for drinking, irrigation, transportation or energy, people must have it. To date, numerous activities of man have had a great toll on water supply in our cities generally. Identify and discuss four activities of man that have hindered adequate supply of portable water to inhabitant.
3. Industries are operating and creating various challenges to the environment in which they operate. Discuss four ways by which the activities of industries can be handled to ensure a livable environment.
4. The solution to environmental problems requires a fundamental behavioural change. We must recognize that we part of nature and that we are constituted by our relationship to other elements of the environment. Discuss
5. Write short notes on any three of the following:
 - a) Waste Management
 - b) types of pollution
 - c) urban decay
 - d) built environment
6. Discuss four (4) of the main environmental challenges of the Niger Delta Region of Nigeria.
7. Discuss four (4) major environmental challenges of Lagos Mega City and articulate 5 stages of addressing these problems.
8. Briefly discuss what Sustainable Development is all about and mention its three (3) components and discuss its four features.
9. Environmental protection techniques need to be cultured, grown and framework should be bottom-up. Discuss
10. The massive generation of solid waste cannot be eradicated. The larger the city grows, the bigger the problem becomes especially in the core areas of the study.
 - a) Identify any two approach to reduce the challenges of solid waste production
 - b) Suggest two ways of curtailing solid waste issues to ensure sustainable development.
11. Identify two environmental challenges and advice on how such challenges can be managed to ensure a sustainable town or city.
12. Write short notes on any four of the following: a) solid waste management b) environmental pollution reduces the value of adjacent properties c) Federal Environmental Protection Agency d) empowering Neighborhood Landlords Association in ensuring sustainable neighborhoods.
13. What are the impacts of social and political factors in government at addressing environmental challenges.
14. Discuss water pollution and itemize the effects on the environment and the likely solution to the problem
15. Climate change is as a result of activities of man to the natural environment. Discuss extensively stating the likely causes, effect and solutions to the problem.
16. Ecology does not only relate to human alone but also relates to organism as well. Discuss the concept of ecology and other relevant principles under the study.

17. Population of all organisms and man also have effect on the natural environment and causes huge damage to it. Discuss population and the causes of overpopulation and its effect. Mention also the possible solution to over-population.
18. Desertification and drought is another problem of the environment. Discuss extensively this problem. What are the causes, effect and possible solution to the problem
19. Air pollution is yet another problem to the sustainability of our natural environment. What measures can be taken to address the problem of air pollution.
 - c) Identify the causes and effect of air pollution
20. Inappropriate agricultural practices goes a long way to affect how our environment looks. What are these practices and how can they be curtailed to enhance sustainability.

ANSWERS

1. To cope with the range of problems confronting the environment, there is the need for government to initiate broad innovative actions. Discuss broad programs you think government needs to embark upon to ensure a sustainable environment in Nigeria especially in the area of solid waste management.
2. students should read about sustainable environment in Nigeria and the world at large. Some of such program include include green building, afforestation, etc
3. Some of the activities of man that have hindered the supply of portable water include: deforestation, shipping, oil and gas, construction. Students are to read more on them to understand how these things affect the supply of portable water.
4. The solution to the environmental problems requires a concerted approach from all the stakeholders involved. Some of the basic areas that should be addressed in order to solve the environmental problem include: water usage, energy usage, waste disposal, etc. students are to read more on the topic online as there are lots of material addressing this issue online.
8. Sustainable Development is a development that meets the need of the present without compromising the ability of future generations to meet their own needs.
11. Environmental challenges include water pollution, air pollution, land pollution, thermal pollution, deforestation, waste disposal challenges. Students are therefore advised to research online for how to manage these problems.
15. Climate change is as a result of man's activities on the natural environment, the built environment and the society at large. Some of such activities include construction work, use of automobile, excess water usage; inappropriate agricultural practices all have an adverse effect on the climate on the long run. Students are advised to read extensively on the topic noting the causes of climate change and the effect and likely solution to the problem.
19. One major solution to the problem of air pollution is to drastically reduce the use of substances that causes such pollution for example, the reduction in use of automobile or such equipment that use much energy. Industries for example should use equipment that will trap their used air so as not to pollute the environment.
20. Inappropriate agricultural practices goes a long way to affect how our environment looks. What are these practices and how can they be curtailed to enhance sustainability.