**Faisal Eraiqat**

**Task – E-portfolio submission**

Answer the following questions and post both questions and answers to your e-portfolio.

1. ***To Do Questions (12 marks)***
2. Explain the concept of resources in terms of natural income.

These are the goods and services provided by the environment. Could be a marketable commodity such as timber, ecological services such as flood protection from forests.

1. Explain the concept of sustainability in terms of natural capital and natural income.

Using global resources with minimum damage and and natural regeneration and can be encouraged by ecological land-use to preserve land, sustain material cycles, and moving to system that eases the consumption pressure on natural capital.

1. Discuss the concept of sustainable development.

Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

1. Outline the difference between sustainability and sustainable development.

Sustainable development deals more with the economic, social and cultural developments as well and tries to still give the present what they need while sustainability focuses on the future generations.

1. Describe the stages of an environmental impact assessment.

Environment and social baseline studies, project description and EIA terms of reference, EIA studies and impact analysis, management and monitoring plans, government review of EIA, government decision on EIA.

1. Describe and evaluate the use of environmental impact assessments

To identify, predict and evaluate the environmental, social and economic impacts of a proposed development project in order to aid decision making.

1. **Practice question (7 marks)**

Outline the components of an Environmental Impact Assessment (EIA) and justify your personal viewpoint on the value of EIAs in the environmental decision making process. Refer to a specific EIA in your answer.

Environment and social baseline studies, project description and EIA terms of reference, EIA studies and impact analysis, management and monitoring plans, government review of EIA, government decision on EIA. The EIA is an important part for helping the environment as they make predictions on the future of these ecosystems and make plans to preserve it and make developments for sustainability. In Abu Dhabi, there are EIA reports to monitor the constructions, reclamation, and operational stages of the phases of the project so that way it is sustainable and wont be hurtful for the environment.

1. **Ecological Footprint**

It is also possible to calculate an individual’s EF. There are many websites available to help you do this. Work out your ecological footprint.

My ecological footprint is 4.45 tonnes of CO2

*Then Answer the following questions*

* How many planets would we need if everyone lived the same lifestyle as you?
  + Probably 2
* What issues are taken into account when calculating EF?
  + Not very specific and do not give exacts to what I consume or how I do.
* How can you reduce your EF?
  + Consume less, eat less, use needs and not get too many wants, use renewable energy.
* What steps can you take today to start this process?
  + Switch off power when not in use such as AC and lights, use car less.