**SD1004 online exam paper Sem 2 AY24-25**

Please answer TWO questions from the list of three questions below.

Exam questions:

**Topic 3: Food and Water Systems (Dr Tania Mendo)**

How do food production and consumption systems impact the planetary boundaries, and what strategies can be implemented to create a more sustainable system within these limits? Use examples discussed in class to illustrate potential synergies and trade-offs between these strategies and the SDGs.

**Topic 4: Economic Dimensions and Sustainable Development (Dr Christopher Schulz)**

Critical scholars have suggested that economists from the late 19th century onwards suffered from 'physics envy', that is, they envied physicists' ability to quantify and mathematically model the physical world. Please discuss implications for mainstream economics and sustainable development today.

**Field Trip (Dr TJ Young)**

Critically evaluate, referencing the Douglas Community Neighbourhood in Dundee City as a case study, how community engagement can contribute and/or hinder the effectiveness and utility of sustainable urban drainage systems.

Re-sit question:

**Topic 3: Food and Water Systems**

The Sustainable Development Goals (SDGs) are deeply interconnected, with progress in one area often influencing others in both positive and negative ways. Use examples discussed in class to critically evaluate the extent to which achieving SDG 12 (Responsible consumption and production) can contribute to or hinder progress towards other SDGs.

**Topic 4: Economic Dimensions and Sustainable Development**

SDG8 is entitled 'Decent Work and Economic Growth'. Please discuss possible tensions and synergies between 'economic growth' and 'sustainable development'.

**Field Trip**

With reference to the Douglas Community Neighbourhood in Dundee City as a case study, discuss how sustainable urban drainage systems deliver wider community benefits beyond mitigating flood risk.