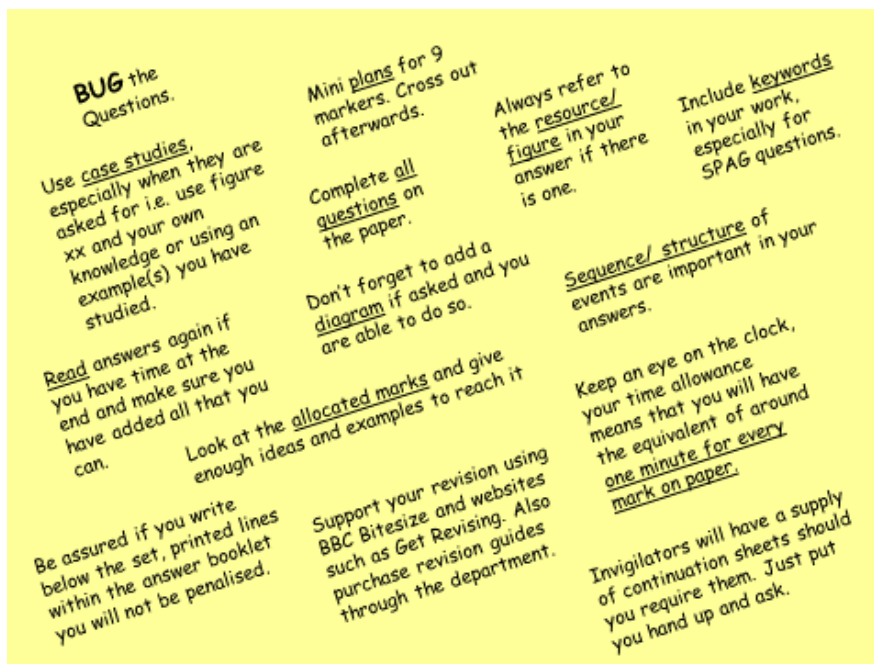


Year 10 Mock Revision Tips / Case Studies / Topics



Rainforests / Ecosystems

- Characteristics of ecosystems
- Nutrient cycles
- Food webs and their threats - interdependence
- Human and physical challenges to ecosystems
- Biomes
- Characteristics of rainforests
- Climate
- Plant and Animal Adaptations
- Causes and impacts of deforestation
- Value of rainforests to humans & the environment
- Goods and Services
- Sustainable management options - afforestation, sustainable logging, debt relief, eco-tourism, international agreements
- The Amazon Rainforest

Cold Environments

- Polar and tundra characteristics
- Ecosystems and biodiversity
- Development opportunities
- Development challenges
- Challenges and opportunities of oil extraction
- Environmental impacts - wilderness areas
- Management of cold environments
- Alaska

The Challenge of Natural Hazards -

GAC

- Global Atmospheric Circulation

Tropical Storms

- Causes of tropical storms
- Storm Surges
- Primary and secondary effects
- Short and long-term responses
- Monitoring, planning, protection and prediction
- Effect of climate changes on tropical storms
- Typhoon Haiyan 2013 (Philippines)

The Challenge of Natural Hazards -

UK Extreme Weather

- Extreme weather types in the UK
- Impacts of UK extreme weather
- Responses to extreme weather in the UK
- Extreme weather on the rise in the UK
- Somerset Floods 2014 (UK)

Climate Change

- Natural climate change
- Human climate change
- Mitigation of climate change
- Adaptation to climate change

Tectonic Hazards

- Earthquake and Volcano causes
- Primary and secondary effects of tectonic hazards
- Immediate and long-term responses to tectonic hazards
- Why do people choose to live in hazardous areas?
- Monitoring, planning, protection and prediction
- HIC Earthquake 2016 (Amatrice, Italy)
- LIC Earthquake 2015 (Nepal)

Urban Challenges

- Population change - growth of urban areas
- Urban change in HICs, LICs and NEEs
- Push and pull factors
- Rural to urban migration and natural increase
- Opportunities and challenges of migrating to urban areas
- Why has Lagos (NEE case study) grown and why is it important, regionally, nationally, and internationally?
- Social and economic opportunities in Lagos
- Environmental issues and management in Lagos - (Traffic/waste/water/crime)
- Makoko "Water Front Regeneration Plan" - Lagos