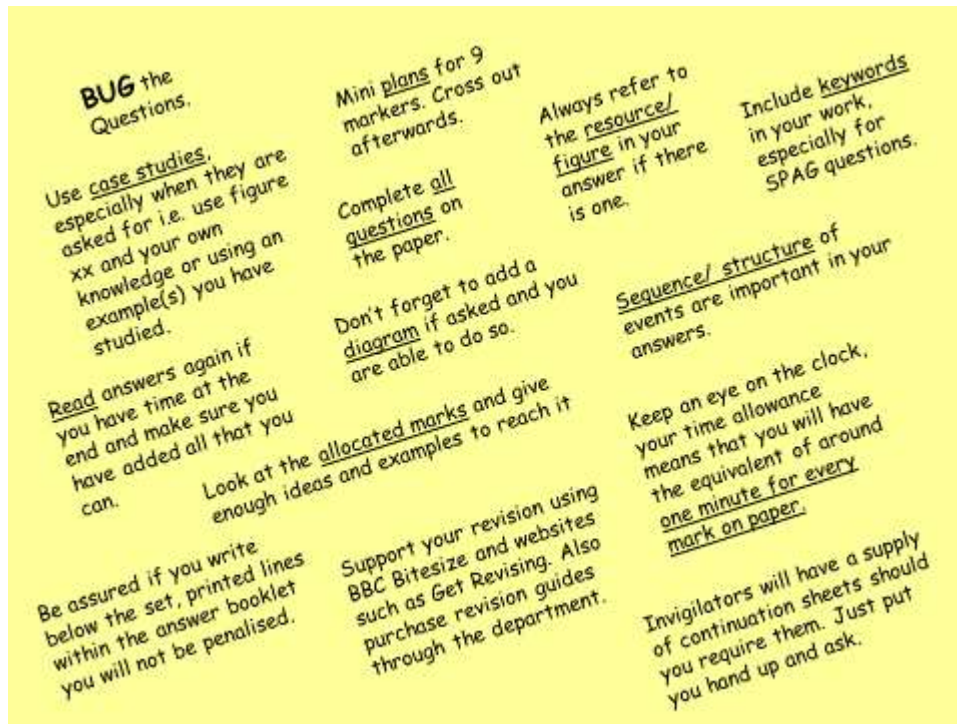


## Year 11 Mock Revision Tips / Case Studies / Topics



### Rainforests / Ecosystems

- Characteristics of ecosystems
- Nutrient cycles
- Food webs and their threats
- 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
- Sustainable management options
- Amazon

### Cold Environments

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

### Coastal Environments

- Waves
- Coastal processes
- Coastal transportation
- Coastal landforms
- Coastal erosion/weathering
- Headlands / Bays
- Coastal Management soft / hard engineering
- Lyme Regis, Old Harry (Isle of Purbeck), Swanage Bay, Porlock or Minehead

### Hazardous Environments

- Plate tectonic processes
- Primary and secondary effects
- Short and long term responses
- Living in hazard prone areas
- Prediction, protection, planning and monitoring
- Global Atmospheric Circulation
- Causes of tropical storms
- Storm Surges
- Primary and secondary effects
- Short and long term responses
- Effect of climate changes on tropical storms
- L'Aquila (Italy), Gorka (Nepal), Chile, Iceland
- Typhoon Haiyan (Philippines)

### Urban Environments

- Population change
- Why have Rio de Janeiro (NEE) and Bristol (HIC) grown?
- Social opportunities
- Economic opportunities
- Environmental issues - (Traffic/waste/water/green space)
- Environmental management - (Traffic/waste/water/green space)
- Sustainable living
- Eco-towns
- Hanham Hall - Bristol - UK
- Favela Bairro Project - Rio - Brazil