



Year 11 Feb PPE Checklist 2023



Paper 1 (1 hr 20 mins)

The Challenge of Natural Hazards:



- Location of tectonic activity.
- Formation of earthquakes and volcanoes at a **destructive plate boundary**.
- Natural causes of climate change.
- Evidence for climate change.
- Human causes of climate change.
- Location of tropical storms.
- Conditions needed for the **formation of a tropical storm**.



The Living World:

- Definition of key terms- producers, consumers, decomposers.
- Food webs and their features.
- Structure of the tropical rainforest.
- **Adaptations of plants and animals** in hot desert environments.
- The climates of different biomes e.g., tropical rainforests, tundra, hot deserts, deciduous forest and tropical grassland.
- Causes of **desertification** in hot desert environments (**Case study: Thar Desert**)



UK Physical Landscapes - Coasts:

- Types of waves and their features (constructive and destructive).
- Processes of erosion and mass movement.
- Methods of hard and soft engineering (purpose, positives and negatives).
- Formation of headlands and bays.
- Formation of cave, arch, stack, stump.



Rivers:

- Changes to the river long profile.
- Erosion and transportation processes.
- Formation of waterfalls and gorges.
- Soft engineering strategies in river environments.



Key skills assessed; calculating/measuring distance on maps, reading data off of graphs, plotting graphs, describing maps and graphs, calculating percentage change, calculating mean, median and mode.



Paper 2 (1 hr)



Urban Issues and Challenges:

- Definition of key terms- megacity, urbanisation, push factor, pull factor.
- Push and pull factors causing migration.
- Problems caused by traffic congestion.
- Challenge of managing environmental issues in LICs/NEEs (Case Study: Rio de Janeiro).
- Social inequality in an UK city. (Case study: Bristol – Stoke Bishop v Filwood).
- The effects of migration in a UK city.
- Environmental challenges in a UK city (Case study: Bristol).

The Challenge of Resource Management:

- Inequality of resources around the world.
- Inequality of resources and the effects on wellbeing.
- Positives and negatives of Agribusiness.
- The UKs changing energy mix.
- Factors affecting water availability – human and physical.
- Sustainable water supply strategies – ground water, grey water, recycling water, etc.



Key skills assessed; calculating the range in a data set, describing patterns using maps/graphs, calculating a percentage, describing distribution using maps.

My most important parts to learn or revisit are:

Paper 1:

Paper 2:

