

PAPER-1

Can you dynamic landscape (**Rivers**)?

Can you do the following?

<p>Define and identify the following in the water cycle</p> <ul style="list-style-type: none"> • Precipitation • Interception • Surface run-off/overland flow • Infiltration • Groundwater flow • Throughflow • Percolation • River discharge 	
<p>Define and identify the following in a drainage basin</p> <ul style="list-style-type: none"> • Watershed • Source • Tributary • Confluence • Mouth 	
<p>State how the gradient, depth, width, discharge and load of a river change along its profile.</p>	
<p>Define</p> <ul style="list-style-type: none"> • Erosion • Corrasion/abrasion • Solution/corrosion • Hydraulic action 	

<ul style="list-style-type: none"> • Attrition • Solution • Suspension • Saltation • Traction • Deposition 	
<p>Explain the formation of</p> <ul style="list-style-type: none"> • Meander • Waterfall • Floodplain 	
<p>Give the causes, human and physical, and the impacts of a flood in the British Isles.</p>	
<p>State the difference between hard and soft engineering solutions for tackling river flooding.</p>	
<p>Give examples of soft engineering solutions to tackle flooding</p> <ul style="list-style-type: none"> • Washlands • Zoning • Afforestation 	
<p>Give examples of hard engineering solutions to tackle flooding</p> <ul style="list-style-type: none"> • Damns • Leeves • Floodwalls • Embankments • Straightening and deepening rivers • Storage areas 	
<p>Name a case study of sustainable flood management outside the UK and evaluate its impact.</p>	

Can you dynamic landscape (**Coasts**)?

Can you do the following?

Define <ul style="list-style-type: none"> • Constructive waves • Destructive waves 	
Define <ul style="list-style-type: none"> • Erosion • Corrasion • Attrition • Solution • Hydraulic action. • Long shore drift • Deposition 	
Explain the formation of <ul style="list-style-type: none"> • Wave cut platform • Caves, arches and stacks • Beaches and spits 	
State the difference between hard and soft engineering in tackling coastal erosion.	
Give examples of soft engineering solutions to tackle erosion <ul style="list-style-type: none"> • Beach nourishment 	
Give examples of hard engineering solutions to tackle erosion <ul style="list-style-type: none"> • Sea walls • Gabions • Groynes 	

Name a case study of sustainable coastal erosion management in the UK and evaluate its impact.	
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Can you **weather** and **climate**?

Can you do the following?

State the difference between weather and climate.	
Identity and state the use of the following weather instruments <ul style="list-style-type: none"> • Maximum and minimum thermometer • Barometer • Rain gauge • Weather vane • Anemometer and give factors which will influence their placing.	
State the unit used to measure cloud cover.	
Identity the following clouds <ul style="list-style-type: none"> • Stratus • Cirrus • Cumulonimbus • Cumulus • Nimbus 	
Identity and name the following as sources of weather data <ul style="list-style-type: none"> • Land-based weather stations • Buoys 	

<ul style="list-style-type: none"> • Balloons • Weather stations • Geostationary and polar satellites 	
<p>Identify the following air masses, the direction they come from and the weather they bring</p> <ul style="list-style-type: none"> • Arctic • Polar continental • Polar maritime • Tropical maritime • Tropical continental 	
<p>Explain the weather associated with anti-cyclones in summer and winter, and the impact on human activity.</p>	
<p>Explain the weather associated with depressions, and the impact on human activity.</p>	
<p>Distinguish between the greenhouse effect and global warming.</p>	
<p>Give both the natural and human causes of global warming</p> <ul style="list-style-type: none"> • Climate cycles • Volcanic activity • Deforestation • Fossil fuels • Agricultural • Motor vehicle emissions 	
<p>Evaluate the impact of climate change on an LEDC.</p>	
<p>Evaluate the impact of climate change on an MEDC.</p>	
<p>Identify and evaluate strategies used to tackle climate change</p> <ul style="list-style-type: none"> • International agreements- Kyoto 	

<ul style="list-style-type: none"> • Renewable energy • Slowed deforestation and afforestation • Improved public transport. 	
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Can you restless earth?

Can you do the following?

<p>Explain how the following rock types are formed and give examples.</p> <ul style="list-style-type: none"> • Igneous (basalt/granite) • Sedimentary (limestone/sandstone) • Metamorphic (slate/marble) 	
<p>Identify the following as parts of the Earth's structure</p> <ul style="list-style-type: none"> • Crust • Mantle • Core 	
<p>Identify</p> <ul style="list-style-type: none"> • Destructive plate margins • Constructive plate margins • Collision plate margins • Conservative plate margins <p>and name and explain the tectonic features and events associated with them.</p>	
<p>Identify and explain the formation of a</p> <ul style="list-style-type: none"> • Basalt plug • Lava plateau 	

<ul style="list-style-type: none"> • Basalt column 	
Describe the causes and impacts of an earthquake in the British Isles.	
Describe the relationships between plate margins and tectonic activity.	
Explain the following events <ul style="list-style-type: none"> • Liquefaction • Tsunami 	
Give an example of an LEDC earthquake, its causes, impacts and evaluate its preparedness.	
Give an example of an MEDC earthquake, its causes, impacts and evaluate its preparedness.	

PAPER 2

Can you living in our world?

Can you do the following?

Explain factors that will influence <ul style="list-style-type: none"> • Birth rates • Death rates 	
Define the term <ul style="list-style-type: none"> • GIS Give reasons for using GIS. Identify a type of GIS and <ul style="list-style-type: none"> • State how the data can be presented 	

<ul style="list-style-type: none"> • Evaluate its usefulness as a data source. 	
Give an example of international migration to an EU country and evaluate its impact.	
Identity <ul style="list-style-type: none"> • An LEDC population pyramid • An MEDC population pyramid States reasons for their difference.	
Define the terms <ul style="list-style-type: none"> • Aged dependent population • Youthful dependent population 	
Explain the implications of a <ul style="list-style-type: none"> • Aged dependent population • Youthful dependent population 	
Define the terms <ul style="list-style-type: none"> • Site • Location 	
Define and identity <ul style="list-style-type: none"> • Bridging point • Defensive point • Wet point 	
Define the terms <ul style="list-style-type: none"> • Settlement hierarchy • Range • Threshold • Function • High and low order goods/services 	
Identity and describe the characteristics of the following land-zones <ul style="list-style-type: none"> • CBD 	

<ul style="list-style-type: none"> • Inner City • Suburbs • Rural-urban fringe • Industrial zones 	
Define <ul style="list-style-type: none"> • Urbanisation • Pull/Push factors • Natural increase 	
Provide a case study of the location, growth and characteristics of a squatter settlement in an LEDC.	
Provide a case study of an inner city redevelopment in the UK. Evaluate its impact and sustainability.	

Can you contrasts in world development?

Can you do the following?

Give examples of social and economic development indicators.	
Evaluate the effectiveness of indicators in measuring development.	
Define HDI and evaluate its use as a development indicator.	
Give factors that hinder the development of LEDC countries.	
Provide a case study of a strategy used to reduce the	

development gap.	
Define the term globalisation .	
Provide a case study of the impact of globalisation on an LEDC country.	
Provide reasons why global trade may cause problems in the development of LEDC countries.	
Define the term appropriate technology .	
Provide a case study of an appropriate technology scheme and evaluate its impact.	
Define the term Fair Trade and give its advantages to LEDC producers.	
Define <ul style="list-style-type: none"> • Aid • Multilateral aid • Bilateral aid • Tied aid • Voluntary aid 	
Describe the benefits and disadvantages of Aid to LEDC countries.	

Can you managing our resources?

Can you do the following?

Define the term carbon footprint .	
Provide a case study of an MEDC city that has attempted to tackle traffic in a sustainable way.	
Provide a case study of renewable energy use in an	

MEDC and evaluate its impact.	
Provide a case study of resource exploitation in an LEDC and states its impact on the environment and people.	
State the reasons why waste is an issue in the UK.	
Describe the waste hierarchy .	
Provide a case study of a UK city that has attempted to tackle its waste in a sustainable way. Evaluate its impact.	
Provide and explain the factors encouraging the growth of global tourism.	
Provide positive and negative impacts of tourism on <ul style="list-style-type: none"> • People • Economy • Culture • Environment. 	
Provide a case study of sustainable tourism in an LEDC and evaluate its impact.	

