

**Year 8 Geography Knowledge – Global Resource Management**  
**30 Questions**

Question	Answer
1. What is a HIC?	High Income Country
2. What is a LIC?	Low Income Country
3. What is a NEE?	Newly Emerging Economy
4. What is the current population and what will it be by 2050?	7.3 billion and 9 billion
5. What % of the UK's energy will come from renewables by 2020?	15%
6. What is Hydroponics?	A method of growing plants without soil
7. What is Biotechnology?	Genetically Modified (GM) crops which increase productivity
8. What is Irrigation?	Watering the land through artificial methods
9. What is Urban Farming?	Planting crops in towns & cities – e.g. in parks and roundabouts
10. What is Organic Farming?	Farming where the use of chemicals is banned
11. What is Managed Fishing?	Setting catch limits to ensure the population of fish does not decrease
12. What is Desalination?	The extraction of salt from seawater to make it usable by people
13. What is Water Transfer?	Moving water from areas of surplus to areas of deficit
14. Give an advantage of Lesotho's Highland Water Project	Provides 75% of Lesotho's GDP Provides safe water to drought ridden parts of South Africa
15. Give a disadvantage of Lesotho's Highland Water Project	The dams displaced 30,000 people 40% of water stored is lost due to leakage
16. Give two types of non-renewable energy	Fossil Fuels Nuclear Power
17. Give three types of renewable energy	Wind Solar Biomass
18. What is Fracking?	The attempt to extract natural gas from shale rock
19. Give an advantage of Fracking	Create 64,000 jobs UK has large shale gas reserves Far cheaper than other natural gas sources
20. Give a disadvantage of Fracking	May cause groundwater pollution Is non-renewable energy source May trigger earthquakes
21. What % of food does the UK import?	40%
22. What % has the demand for water increased by in the UK?	70%
23. Which areas of the UK have a water surplus?	North & West
24. Which areas of the UK have a water deficit?	South & East
25. What is a positive impact of a wind farm?	Locals have low energy bills Low Carbon footprint
26. What is a negative impact of a nuclear power plant?	Possible problems with safety Expensive to build and maintain
27. What is Carbon Footprint?	The amount of carbon produced by a person or business
28. What is Consumption?	Using up purchased goods, energy and produce
29. What % of the UK's oil & coal have been used up?	75%
30. What control the flow and storage of water supplies?	Dams & reservoirs