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| **CONTEMPORARY URBAN ENVIRONMENTS REVISION CHECKLIST** | | |
| **Name:** |  | |
| **Section 1: Urbanisation** Completed? | | |
| 1.1 | Global patterns of urbanisation since 1945. |  |
| 1.2 | Economic, social, technological, political and demographic processes associated with urbanisation and urban growth. |  |
| 1.3 | The emergence of megacities and world cities and their role in global and regional economies. |  |
| 1.4 | Contemporary characteristics of mega/world cities. |  |
| 1.5 | Suburbanisation, counter-urbanisation, urban resurgence. |  |
| 1.6 | Urban change: deindustrialisation, decentralisation, rise of service economy. Urban policy and regeneration in Britain since 1979. |  |
| **Section 2: Urban Forms** | | |
| 2.1 | Physical and human factors in urban forms. |  |
| 2.2 | Spatial patterns of land use and the factors that influence them. |  |
| 2.3 | * New urban land uses: town centre mixed developments, cultural and heritage quarters, fortress landscapes, gentrified inner areas and edge cities. |  |
| 2.4 | * The concept of the post-modern western city. |  |
| **Section 3: Social and economic issues associated with urbanisation** | | |
| 3.1 | Spatial patterns of economic inequality, social segregation and cultural diversity in contrasting urban areas and the factors that influence them. |  |
| 3.2 | Issues associated with these processes and strategies to manage them. |  |
| **Section 4: Urban climate** | | |
| 4.1 | The impact of urban forms and processes on local climate and weather. |  |
| 4.2 | Urban temperatures: the urban heat island effect. |  |
| 4.3 | Precipitation: frequency and intensity. Fogs and thunderstorms in urban environments. |  |
| 4.4 | Wind: the effects of urban structures and layout on wind speed, direction and frequency |  |
| **Section 5: Urban Drainage** | | |
| 5.1 | Urban precipitation, surfaces and catchment characteristics; impacts on drainage basin storage areas; urban water cycle, water movement through urban catchments as measured by hydrographs. |  |
| 5.2 | Issues associated with catchment management in urban areas. |  |
| 5.3 | The development of sustainable urban drainage systems (SUDS). |  |
| 5.4 | River restoration and conservation in damaged urban catchments with reference to a specific project. Reasons for and aims of the project; attitudes and contributions of parties involved; project activities and evaluation of project outcomes. |  |
| **Section 6: Contemporary urban environmental issues** | | |
| 6.1 | Urban physical waste generation: sources of waste: industrial and commercial activity, personal consumption. |  |
| 6.2 | Relation of waste components and waste streams to economic characteristics, lifestyles and attitudes. |  |
| 6.3 | The environmental impacts of alternative approaches to waste disposal: unregulated, recycling, recovery, reduction (incineration), burial, submergence, trade. |  |
| 6.4 | Comparison of incineration and landfill approaches to waste disposal in relation to a specified urban area. |  |
| 6.5 | Air quality: particulate and photo-chemical pollution. Pollution reduction policies. |  |
| 6.6 | Other environmental problems in contrasting urban areas: water pollution and dereliction.  Strategies to manage these problems. |  |
| **Section 7: Sustainable Urban Development** | | |
|  | Impact of urban areas on local and global environments |  |
|  | Ecological footprint of major urban areas.  Dimensions of sustainability: natural, physical, social and economic. |  |
|  | Nature and features of sustainable cities. Concept of liveability. |  |
|  | Contemporary opportunities and challenges in developing more sustainable cities. |  |
|  | Strategies for developing more sustainable cities. |  |

* The yellow highlights are areas we have yet to cover and will not be included in the exam.
* Bear in mind, the last section is a concept we have applied throughout this unit e.g