Year 1 Section 1: Population and Settlement

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| **Topics** | **Case studies**  *Exam preparation 5.1* | **Fieldwork**  *Exam preparation 5.3* | **Geographical Skills**  Exam preparation 5.1, 5.2, 5.3, 5.4 |
| Population dynamics  Population growth and resources  Over and under population  Population control policies  Topic 1.1 | Liberia – high natural population growth rate  Canada – an under-populated country and Tanzania – an over-populated country  China – low natural population growth rate |  | Line graph  Topic 4.3  Thematic map  Topic 4.2  Scatter graph  Topic 4.3 |
| Population migration  Topic 1.2 | International migration – Senegal to Europe | Journey to work questionnaire  Migration questionnaire  *Topic 4.5* | Flow line map  *Topic 4.3* |
| Population structure  Age/sex pyramids at different stages of economic development  Topic 1.3 | Sweden – high dependent population | Classroom census | Age/sex pyramid  *Topic 4.3* |
| Population density  Population distribution  Topic 1.4 | Singapore – a densely populated country  Sahel – a sparsely populated area |  | Photograph interpretation  Topic 4.4  Climate graph  Topic 4.3  Choropleth map  Topic 4.2 |
| Settlements and service provision  Rural settlements and life in rural areas  Settlement hierarchy  Service provision in an area  *Topic 1.5* | Isle of Wight – service provision | Resident questionnaire  Sampling  *Topic 4.5* | Map interpretation  Topic 4.1  Climate graph  Topic 4.3  Interview and questionnaire  Topic 4.5 |
| Urban settlements  Land use zones in urban areas  Urban pollution  Urban growth effects on the rural-urban fringe  Urban change  *Topic 1.6* | London – changing urban land use and urban sprawl | Sphere of influence investigation  Pedestrian questionnaire  Features and delimitation of CBD  Contrasts in housing areas  Traffic survey | Map interpretation  Topic 4.1  Annotated sketch map  Topic 4.4  Scatter graph  Topic 4.3  Transect and land use mapping  Topic 4.3  Photograph interpretation  Topic 4.4 |
| Urbanisation  Problems of urban growth  Squatter settlements  Improving residential areas  Sustainable cities  Topic 1.7 | Mumbai – a rapidly growing urban area | Air and noise pollution  Quality of life survey | Photograph interpretation  *Topic 4.4* |

Year 1 Section 2: The Natural Environment

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| **Topics** | **Case studies**  *Exam preparation 5.1* | **Fieldwork**  *Exam preparation 5.3* | **Geographical Skills**  Exam preparation 5.1, 5.2, 5.3, 5.4 |
| Earthquakes and volcanoes  Plates and plate boundaries  *Topic 2.1* | Japan – earthquake and tsunami  Soufriere Hills – volcano in Montserrat |  | Map interpretation  *Topic 4.2* |
| Drainage basin processes  River erosion, transport and deposition processes  River features  Opportunities and hazards created by rivers  *Topic 2.2* | Mekong delta – Vietnam  Mississippi – USA | River measurements  – velocity  – discharge  – width and depth  – load  – long profile  – cross-section  Topic 4.5 | Fieldwork sketch of the landscape  Topic 4.4  Maps – identifying landscape features  Topic 4.1  Maps – describing a river and river valley  Topic 4.1 |
| Changing coasts and waves  Coastal erosion, transport and deposition processes  Coastal landforms  Coral reefs and mangrove swamps  *Topic 2.3* | Great Barrier Reef – Australia | Coastal measurements  – longshore drift  – beach material  – wave frequency  – beach profile  *Topic 4.5* | Sketching a landscape  Topic 4.4  Map interpretation  Topic 4.1  Sketching from a map  Topic 4.4 |
| Weather and climate  Measuring and recording the weather  Types of cloud  Topic 2.4 |  | Using instruments to measure  – temperature  – rainfall  – relative humidity  – atmospheric pressure  – wind speed and direction | Map interpretation  *Topic 4.2*  Drawing and interpreting a climate graph  *Topic 4.3*  Drawing and interpreting a wind rose  *Topic 4.3* |
| Climate and natural vegetation  Equatorial climate  Tropical rainforest vegetation and environment  Hot desert climate Hot desert vegetation and environment  Human activity in the hot desert  Natural hazards including tropical storms and flooding  *Topic 2.5* | Borneo – tropical rainforest  Namib Desert – Namibia |  | Comparing topographical maps  Topic 4.2  Climate graph interpretation  Topic 4.3  Line graph  Topic 4.3  Choropleth map  Topic 4.2  Drawing a sketch map  Topic 4.4  Interpretation of a satellite image  Topic 4.6 |

Year 2 Section 3: Economic Development

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| **Topics** | **Case studies**  *Exam preparation 5.1* | **Fieldwork**  *Exam preparation 5.3* | **Geographical Skills**  Exam preparation 5.1, 5.2, 5.3, 5.4 |
| Economic development and quality of life  Development indicators  Classifying industry  Employment in changing countries  Industry in NICs  Globalisation  Topic 3.1 | NIKE – a transnational corporation |  | Line graph  Topic 4.3  Pie chart  Topic 4.3  Divided bar graph  Topic 4.3  Triangular graph  *Topic 4.3* |
| Food production and farming systems  Commercial farming  Subsistence farming  Food shortages – causes, effects, tackling the problem  *Topic 3.2* | Sarawak – plantation agriculture  Bangladesh – rice farming  Bolivia – food shortages | Farm study | Bar graph  Topic 4.3  Map interpretation  Topic 4.2  Choropleth map  Topic 4.2 |
| Employment options  Industrial location  Manufacturing industries  High-technology industries  *Topic 3.3* | Bangladesh – textile and clothing industry | Location of local industry | Thematic map  Topic 4.2  Bar graph  Topic 4.3 |
| Growth and importance of global tourism  Tourism in LEDCs  *Topic 3.4* | France – tourism in an MEDC  Kenya – tourism in an LEDC | Growth of a tourist area  Positive and negative effects of tourism  Topic 4.5 | Line graph  Topic 4.3  Climate graph interpretation  *Topic 4.3* |
| Energy consumption  Fossil fuels  Fuelwood crisis  Renewable energies  Electricity production and consumption  Nuclear power  Hydro-electric power  *Topic 3.5* | China – coal industry | Impacts of electricity generation on local people | Compound line graph  Topic 4.3  Pie graph  Topic 4.3  Flow line map  Topic 4.3  Choropleth map  Topic 4.2  Graphing numerical data  Topic 4.3  Climate graph interpretation  Topic 4.3 |
| Water supplies  Meeting water demand  Water shortage  Topic 3.6 | Northern India – supplying water |  | Comparing maps  Topic 4.2  Climate graph interpretation  Topic 4.3 |
| Natural environments – problems and opportunities  Exploiting the natural environment  Environmental damage  Global warming  Forest destruction  Conservation and management  Sustainable development  Topic 3.7 | Aral Sea – Kazakhstan and Uzbekistan  Greenland – tourism and mining  Carteret Islands – effect of climate change  Borneo – deforestation  Great Barrier Reef Marine Park – Australia  Yorkshire Dales National Park – England | Measuring air and water pollution  Environmental quality survey  *Topic 4.5* | Bar graph interpretation  Topic 4.3  Pie graph  Topic 4.3  Photograph interpretation  Topic 4.4  Interpretation of a satellite image  Topic 4.6  Multiple line graph  Topic 4.3  Choropleth map  Topic 4.2 |

Year 2 Section 5: Exam preparation

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| **Paper 1**  **Geographical Themes**  *Exam Preparation 5.1* | **Paper 2**  **Geographical Skills**  *Exam Preparation 5.2* | **Paper 3**  **Coursework**  *Exam Preparation 5.3* | **Paper 4**  **Alternative to Coursework**  *Exam Preparation 5.4* |
| Explanation of what the exam paper is testing | Explanation of what the exam paper is testing | Explanation of what the coursework is testing | Explanation of what the exam paper is testing |
| Using the examination time effectively | Using the examination time effectively | Explanation of why fieldwork is done | Using the examination time effectively |
| Choosing correct questions |  | Route to Geographical Enquiry |  |
| Understanding the question | Understanding the question | Practical hints for fieldwork | Understanding the question |
| Case study questions | Answering a map interpretation question | Explanation of how coursework may be marked |  |
| Explanation of how a case study question may be marked | Answering other geographical skills questions | Explanation of how to achieve a high level grade in coursework |  |
| Command words | Command words | Fieldwork techniques | Command words |
| Resources | Resources |  | Resources |
| Preparation for the Geographical Themes examination | Preparation for the Geographical Skills examination | Preparation for the Coursework assignment | Preparation for the Alternative to Coursework examination |
| Example answers and teacher’s comments | Example answers and teacher’s comments | Example coursework investigations and teacher’s comments | Example answers and teacher’s comments |