

Geography (Specification B)

40351F & 40351H

Unit 1 Managing Places in the 21st Century

Insert

For use with Question 1 (a)

Figure 1

SUN, SEA AND SEWAGE – THE BEACHES OF RIO DE JANEIRO

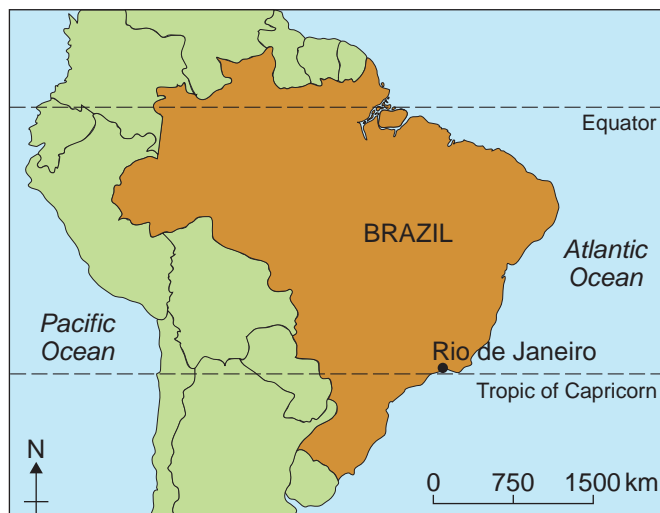


Thirty years ago, standing on the white sandy beaches in Rio de Janeiro, you could see dolphins playing in the surf. Today, if you swim in the sea you are more likely to see untreated sewage and industrial waste. Last year some of the beaches had to be closed after chemicals leaked into the sea, killing thousands of fish.

An environmentalist said: “Urban rivers and the sea are seen as dumping grounds for industrial waste. With no proper sanitation systems, the growing slum areas use the sea as an open sewer. There is a real concern about the effect of pollution on the health of the population and the tourist industry.”

A plan has been put forward to clean up the industrial areas near Rio de Janeiro’s major ports. Up to £40 million will be spent building sewage and water treatment plants and cleaning up the beaches. This is the start of Rio de Janeiro becoming a ‘green coastal city’.

Year	Number of tourists visiting Rio de Janeiro (approx.)
1970	580 000
1980	530 000
1990	440 000
2000	380 000
2010	370 000



For use with Question 1 (d)

Figure 3



For use with Question 1 (e)

Figure 4



For use with Question 2(b)

Figure 7



Turn over ►

Foundation Tier – For use with Question 2(e)
Higher Tier – For use with Question 2(g)

Figure 9

After the London 2012 Olympics

The redevelopment of part of East London for the Olympic Games is one of the largest urban regeneration projects ever seen in the UK.

When the Olympic Games have finished, the area will have hundreds of new homes, a number of newly developed commercial facilities and much improved transport links. There will be up to 5000 new jobs in the area. What was an old, run-down, industrial area will be a modern area where 20% of all energy needs will come from renewable methods. The previously polluted rivers will be clean waterside environments with walkways, cycle tracks and riverside parks.

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