

## Network Rail Group Exercises Example

On your way back from a holiday in South America, your shuttle flight to the airport is forced to make an emergency landing in a small clearing in the Brazilian rainforest. You, the pilot, and your fellow passengers have only sustained minor injuries but the plane has broken into pieces and the communication equipment has been destroyed in the impact.

Before the plane crashed the pilot had reported a problem with one of the engines, so there is a good chance that the authorities will start looking for you when you fail to arrive at your destination. However, the forest is very dense and it will take days to reach the edge of it on foot.

You cannot remain where you are as there is a danger that the aeroplane fuel will catch fire. On searching through the wreckage and the remains of your suitcases you find the following items:

1. A guide to South American plant species
2. 3 elasticated luggage straps
3. 6 frozen airline meals
4. 4 blankets from the plane
5. A pack of 24 anti-malaria tablets
6. A 3 metre square piece of opaque plastic sheeting
7. Tourist map of Brazil
8. 2 large bottles of factor 12 sunscreen
9. Mobile phone with GPS, fully charged
10. 1 litre bottle of the local alcoholic spirit
11. 3 boxes of chocolate chip cookies
12. 4 current paperback novels
13. First aid box
14. Compass
15. Flare gun with one flare
16. A Swiss Army knife
17. A book of matches from the hotel

You are unable to carry more than 7 items from this list. (items containing more than one object still count as one item).