Plastic Pollution TED Talk

Background:
The word gyre (pronounced jye-er) means a gigantic whirlpool in the ocean. It swirls around powered by the ocean’s currents and the wind. It covers millions of square kilometres. One of these gyres in the Pacific Ocean is filled with rubbish swirling around endlessly. It’s called the Great Pacific Garbage Patch and most of the rubbish in it is plastic. The gyre is five times the size of Victoria. In this TED* talk, artist Dianna Cohen discusses what we can do to fix the problems of plastic rubbish in our oceans.

*TED: This is an organisation which hosts talks from different people about important or interesting ideas.

Fissure: A big split or crack
Spigot: A plug
Faucet: A tap

1. (1 Mark)
Name one reason Dianna Cohen is interested in plastic.

2. (1 Mark)
What problem does Dianna Cohen say there is with plastic breaking down into small parts?

3. (4 Marks)
In note form, summarise two things Dianna Cohen wanted to do when she first learnt about the problem of Great Pacific Garbage Patch and two things she realised once she had talked with people who had been studying the problem for longer than her:

<table>
<thead>
<tr>
<th>What she wanted to do to begin with</th>
<th>What she learnt once she had talked with people who had been studying the problem</th>
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A Ticking Mind Resource
4. (1 Mark)
How many gyres are there around the world in different oceans? Tick one box.
- 21
- 11
- 13
- 9

5. (2 Mark)
Which of these does Dianna Cohen say is a key source of plastics? Tick two boxes.
- Rubbish bins
- Supermarkets
- Schoolyards
- Fridges
- Factories
- Takeaway shops

6. (2 Mark)
Dianna Cohen explains that plastic doesn’t just pollute the environment it’s also bad for the body. In what ways is it bad for the body?

7. (1 Mark)
How much of the rubbish in the ocean is plastic according to Dianna Cohen? Tick one box.
- 80-90%
- 95%
- 50%
- 29%

8. (3 Marks)
Dianna Cohen says the three Rs are Reuse, Reduce and Recycle. Explain why she thinks a fourth R should be added to this.

A Ticking Mind Resource
9. (4 Marks)

Explain which of these phrases best describes how Dianna Cohen speaks in her presentation:

- Has a simple message
-Speaks in a friendly way
- Provides lots of information
- Emphasises the action is important
- Gets angry