

Answer key

Comprehension 1

- 1 D
- 2 having to wait a long time for your phone to charge/having to wait by an electric outlet while your phone charges
- 3 i) It charges your phone in 30 seconds.
ii) It can charge your phone 10,000 times instead of 1,000.
- 4 charging, waste
- 5 18/eighteen
- 6 i) air pollution
ii) It does this by using algae to turn carbon dioxide from cars into oxygen
- 7 Algae is a slimy plant often found in ponds.
- 8 The writer says this because in a traffic jam, there are many cars. With Jaggi's invention, each of those cars would be producing oxygen instead of carbon dioxide. People breathe oxygen, so therefore it would be easier to breathe.
- 9 He wants to make sure he can write down his idea if he thinks of another invention.
- 10 She was diagnosed with cancer.
- 11 unwieldy
- 12 C
- 13 i) T
ii) NG
iii) T
- 14 30-second phone charger: C
Algae mobile: D
Medical rucksack: B
- 15 to highlight the inventions of young people (*any reasonable answer*)
- 16 I think the Algae Mobile is the most useful invention. Climate change is the biggest issue that we are facing at the moment, and this invention could help save the world. I don't believe that people are willing to stop driving cars, so an invention like this could really make a difference. (*any reasonable answer*)