**Population: Chris Packham Documentary - 7.7 Billion and Counting**

**1. How many megacities are there in the world?** 30

**2. How many people live in a megacity?** 10million

**3. Name some examples of megacities:** Laos, Shanghai, Tokyo, London Sao Paulo

**4. How many people are living in Sao Paulo?** 22million

**5. Why is Sao Paulo important?** It is 5 times bigger than London, and Brazil’s Economic Capital

**6. What are the problems in Sao Paulo?** Running out of water due to droughts, traffic problems so people travel by helicopter

**7. What are people doing to try to solve the water problem in Sao Paulo?** Creating their own private water source, water businesses are thriving – 30,000 private wells already been created but they need to reduce consumption. Monitoring rainfall and droughts.

**8. Which other cities have suffered water shortages?** Los Angeles, Cape Town, and could be London in 25 years time.

**9. Why are there water shortages?** Due to an increase in consumption and droughts due to climate change

**10. What does endemic species mean?** You find that particular species there and nowhere else (unique to that place)

**11. What has happened to wildlife populations and biodiversity?** Wildlife populations have halved, biodiversity is much lower

**12. What has caused biodiversity loss?** Humans! - Deforestation, farming, cattle ranching, more food and meat for our increasing population

**13. How many people can the planet take?** Could be billions and billions but our lifestyles would have to change and we need to think about other species we share it with

**14. How big was the population when David Attenborough was born?** Just 2 billion

**15. How many babies will be born in the time this documentary is on?** 16,000

**16. What factors are causing an increase in population?** Birth rate and longer life expectancy

**17. How many babies are woman currently having on average?** 2.4 babies per woman

**18. What does birth rate need to be to stabilise population?** 2.1 babies per woman

**19. How many people does Lagos in Nigeria have?** 20million, 5.4 babies per woman

**20. Describe the characteristics of Lagos:** Houses on stilts, litter, no wildlife, 2 million people living on the water, no trees, cant grow food, boats as transport

**21. Why do poor countries tend to have many children?** Child mortality is high so people have more children to make sure they can continue to reproduce and in rural areas they needed children to work on farms.

**22. What is the correlation between living standards and population?** As standard of living increases so does life expectancy and therefore so do population numbers

**23. What is a population balance?** The number of old people and the number of people to work and to look after them

**24. What did China try to do to control population?** The One Child Policy

**25. What have they done to try to reduce population in Lagos?** Encouraged the use of contraception and educating girls so they feel they have a future rather than having children – universities are the most effective way of slowing down people having children

**26. What are the problems with an increase in standard of living and economies?** Vast consumption and therefore waste including plastic waste. It is a global issue not just Nigeria!

**27. Why is it our lifestyle that is the issue and not having big families?** All of theproducts that we want and have – electric products in particular we never repair products just replace them. In future all countries will be wanting to improve their lifestyles like this.

**28. How many more earths do we need if all people consume the amount of the average American?** 4 more earths

**29. What are the 3 things spiralling out of control?** Climate, consumption and human population growth

**30. What will the population be by 2050 and can people solve the population problem?** 10 billion - We have the knowledge to change the way we produce but we don’t know if people have the will power or sense of urgency.