

Name: _____

Date: _____



NOVA: Vaccines: Calling the Shots: (9/10/14)

- Link on Website: <http://www.pbs.org/wgbh/nova/body/vaccines-calling-shots.html>

1. In the USA, approximately _____ % of parents vaccinate their children.
 - a. That's up to _____ immunizations in the first two years of life, to protect against _____ different diseases.
 - b. Approximately _____ % don't vaccinate at all.
2. Pertussis or _____ is a disease caused by a nasty bacteria that causes thick phlegm and nasty cough.
3. Approximately how many children had Whooping Cough in 2012? _____
4. _____ % of the people that are unvaccinated to Measles, will get the virus.
5. Measles was considered to be eliminated in the USA in _____.
6. Why does Brian Zikmund-Fisher feel that most people are not concerned too much about vaccinating their children presently compared to 50 years ago?
7. Vaccines were developed/evolved from what practice in India many years ago (more than 1000 years ago)? Describe:
8. What did Dr. Jenner do in England? Describe:
9. The vaccine sends in a weakened or _____ part of the germ to help your Immune System mount the defense.
10. Vaccines can do more than protect the individual; it can protect the _____.
11. What **HERD IMMUNITY**? (Explain)
12. What happened in France between 2007-2011?
13. Low vaccination rates can also be fuelled by mistrust and amplified by frightening stories. The stories that circulate, go viral, are the stories that have that emotional power. And what's the most emotional type of story? (This is somewhat difficult to watch...)

14. The majority of the children than had a seizure or epilepsy after a vaccine had a gene the SCN1A mutation, is the cause of _____ syndrome.

15. In the 1950's many children were crippled by _____.

16. _____ developed the Polio Vaccine.

17. In the year _____ the oral vaccine was changed to an injection.

18. Vaccines are often blamed for causing harm when there's no scientific proof; Explain:

19. Is there any scientific proof between Autism and Vaccines (in particular the MMR Vaccine)? MMR = Measles / Mumps / Rubella)

20. Most of the genetics so far for Autism have pointed to: (Circle One)

a. Genetics

b. Vaccines

21. The vaccine to protect against _____ has had recent controversy.

22. 60 million doses of HPV vaccine has been given in the USA; how many adverse reactions? _____

23. What are the chances of having a serious allergic reaction to a vaccine? _____

24. Has this video changed your opinion at all about vaccines? _____ Explain:

Any other comments?