

Vaccines: History, Science, Ethics Post-Test

- 1) A vaccine is a substance used to _____.
 - a) provide absolute immunity against a specific disease
 - b) implant tracking devices into people
 - c) stimulate the production of antibodies and provide immunity against one or several diseases
 - d) infect people with a life-threatening disease

- 2) Smallpox was used as a _____.
 - a) surrogate
 - b) diversity agent
 - c) bio-weapon
 - d) panacea

- 3) In 1600 the Chinese introduced variolation, which involved exposing a patient to _____.
 - a) another disease in the hope it would knock out the infection
 - b) direct sunlight
 - c) various dyes that worked their way into the patient's skin
 - d) a weakened form of the virus

- 4) Measles is an _____ virus and has a _____ infection rate.
 - a) anaerobic / 80%
 - b) aerobic / 60%
 - c) airborne / 90%
 - d) inevitable / 75%

- 5) Vaccines were first made mandatory in the _____.
 - a) United Kingdom Vaccination Act of 1853
 - b) 1600 Chinese Dynasty
 - c) 1919 Versailles Treaty
 - d) Soviet Union

Vaccines: History, Science, Ethics Post-Test

- 6) Due to vaccinations, typhoid fever, cholera, whooping cough, smallpox, polio, measles, and diphtheria all became _____.
- a) extinct
 - b) preventable diseases
 - c) inevitable diseases
 - d) inescapable diseases
- 7) If enough people get vaccinated, an unvaccinated person is still protected. This is known as _____ immunity.
- a) active
 - b) herd
 - c) cell-mediated
 - d) humoral
- 8) Antibodies are also known as _____.
- a) immunoglobulins
 - b) toxicological agents
 - c) vaccinoglobulins
 - d) globular fatty acids
- 9) Which vaccines are 100% effective?
- e) Live attenuated and inactivated
 - f) Toxoid and conjugate
 - g) Polysaccharide and polyvalent
 - h) No vaccines are 100% effective

Vaccines: History, Science, Ethics Post-Test

- 10) The relationship between the MMR vaccine and autism has been _____.
- a) repeatedly cited as impeccable research by The Lancet general medicine journal
 - b) thoroughly embraced by the scientific community
 - c) thoroughly debunked by scientific community
 - d) augmented by the World Health Organization's own independent research