

Mediquiz - 02 / 2021

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1. The process of introduction of weakened pathogen into human body is called

- (a) Immunization (b) vaccination
(c) attenuation (d) none of these

2. The first vaccine was developed by

- (a) Louis Pasteur (b) Edward Jenner
(c) Carl Landsteiner (d) Joseph Miester

3. The process of weakening a pathogen is called

- (a) vaccination (b) attenuation
(c) immunization (d) virulence reduction

4. A vaccine can be

- (a) an antigenic protein (b) weakened pathogen
(c) live attenuated pathogen (d) all of these

5. Which of the following statement is true regarding vaccination

- (a) vaccination is a method of active immunisation
(b) vaccination is a method of passive immunisation
(c) vaccination is a method of artificial passive immunisation
(d) vaccination is a method of natural passive immunization

6. Passive immunisation include

- (a) introduction of antibodies directly
(b) transfer of maternal antibodies across placenta
(c) transfer of lymphocyte directly
(d) all of these

7. Active immunity may be gained by

- (a) natural infection
(b) vaccines
(c) toxoids
(d) all of these

8. Which of the following statement is not true about the Live attenuated vaccine?

- (a) It is prepared using whole weakened living bacteria or virus
(b) It can generate a long-term immune response in an individual with a single dose of vaccine
(c) Measles, MMR and oral polio vaccine are live attenuated vaccines
(d) It is stable at normal room temperature

9. Which of the following is not true about the important characteristics of the vaccine to be effective?

- (a) It must be safe and easy to use with low side effects in humans

- (b) It must provide immunity to at least 15% of the population
(c) It must be available at low cost
(d) It must provide long-lasting immunity

10. Which of the following statement is false about influenza/flu vaccine?

- (a) Flu vaccines may contain killed viruses or weakened viruses
(b) The influenza virus is a highly mutating virus, therefore annual vaccination is recommended
(c) The immune system gets activated 2-3 weeks after an individual is vaccinated
(d) None of the above

11. In December 2020 first vaccine for COVID-19 was approved in the Europe and in the USA, name the first biotechnology company which received the authorization to distribute the vaccine?

- (a) Moderna (b) Pfizer-BioNtech
(c) Astrazeneca (d) Novavax

12. Which of the following type of vaccine did the Oxford-Astra Zeneca and Serum Institute of India designed for COVID-19?

- (a) mRNA vaccine (b) Subunit vaccine
(c) Live attenuated vaccine (d) Vector borne vaccine

13. The two doses of Covishield should be taken

- (a) 2 days apart (b) 2 weeks apart
(c) 4 weeks apart (d) 6 months apart

14. In which of the following, Herd Immunity cannot protect the individual?

- (a) Tetanus (b) Diphtheria
(c) Poliomyelitis (d) COVID-19

15. Which of the following Human papillomavirus subtypes are not covered by the Quadrivalent Anti-cervical cancer vaccine?

- (a) Type 6 (b) Type 7
(c) Type 11 (d) Type 18

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