

## English - FA Part 2 English Chapter 14 Short Questions Test

Q1. Who was the first human being whom Pasteur treated of Rabies?

**Ans 1:** The child was the patient of rabies of hydrophobia, He was suffocated by the mucus which filled his mouth, He died after 24 hours of terrible suffering.

Q2. What do you mean by spontaneous generation?

**Ans 1:** Spontaneous generation means the production of living things from nonliving things. Pasteur proved it a wrong concept. He claimed that if a substance is sufficiently heated, no bacteria would be produced in it.

Q3. Where did Pasteur become the Deputy Professor of Chemistry?

**Ans 1:** He became Deputy Professor of Chemistry at the University of Strassburg.

Q4. How did Pasteur discover treatment for cattle disease, Anthrax?

**Ans 1:** Pasteur cultivated the Anthrax germs in such a way that they became weak, He injected them into the body of an animal suffering from Anthrax, The animal developed a slight form of the disease first but recovered. He found out that the method protected the animal from the deadly form of the disease.

Q5. Describe Pasteur's treatment of Hydrophobia.

**Ans 1:** Pasteur applied inoculation to hydrophobia. He tried to take some of the nervous tissues of an animal which had died of disease and by exposing the spinal cord of rabbits to the dry air, it weakened the cells until after fourteen days, they became harmless. He injected them into the body of a boy Joseph,

Q6. Give an account of Pasteur's discoveries.

**Ans 1:** Pasteur was a great scientist. He was a true lover of his people. He discovered the germs and treatment of many diseases of animals and human beings including hydrophobia, Anthrax, Silk worm disease and puerperal fever.

Q7. How did Pasteur discover the method of making vaccines?

**Ans 1:** Once, while working on fowl cholera, Pasteur discovered that all his cultivations were dying, He injected them into the body of a healthy bird which showed slight symptoms of disease but recovered.

Q8. How did Pasteur prove that spontaneous generation was not a fact?

**Ans 1:** In 1860, he proved that if a substance is sufficiently heated and the air is in contact with it is filtered; bacteria do not develop in it. In this way he proved that spontaneous generation was not fact.

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Q9. What quantities did Pasteur inherit from his father?

**Ans 1:** His father had served in Napoleon military force and had won medal for bravery and faithfulness. He inherited bravery and faithfulness from his father.

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Q10. What are the symptoms of Hydrophobia?

**Ans 1:** Hydrophobia or Rabies is a dangerous human disease caused by the bite of mad dog. Its signs are : restlessness, shudder, thirst, impossibility of swallowing and fits of rage.

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