

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

Q1. What did Pasteur discovered about bacteria in milk?

**Ans 1:** He discovered that some germs in milk are very difficult to destroy, The bacteria in milk can be destroyed if temperature is raised 10 C above boiling point.

Q2. What did Pasteur hate germany?

**Ans 1:** Germany and England plunged into war in 1870. He felt angry at this war started by Germany against his country, So he began to hate Germany.

Q3. 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 produce in it.

Q4. Where did Pasteur become the Deputy Professor of Chemistry?

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

Q5. When and whom did Pasteur marry?

**Ans 1:** He married the daughter of the Rector of Academy in Strasberg University in 1850. At that time he was the Deputy Professor of Chemistry at the University of Strasberg.

Q6. Give an account of Pasture discoveries.

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

Q7. How did Pasteur prove that spontaneous generation was not 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.

Q8. Describe Pasture treatment of Hydrophobia.

**Ans 1:** Pasture 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,

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Q9. What are the symptoms of Hydrophobia?

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

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Q10. How did Pasteur embarrass the professor of chemistry at Besancon?

**Ans 1:** Pasteur was deeply interested in Chemistry. He used to embarrass the professor of Chemistry with unanswerable questions. The professor had to admit that he did not know the answer to the question.

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