

Q.44) Why aluminium is used to wrap food items?

- It is not a malleable material
- It is unreactive with the food items
- It is very ductile in nature
- It keeps food warm since aluminium is a good insulator

Q.45) Which of the following is/are the example/ examples of chemical change?

- Crystallization of sodium chloride
- Melting of ice
- Souring of milk

Select the correct answer using the code given below.

- 1 and 2 only
- 3 only
- 1, 2 and 3
- None

Q.46) Consider the following statements regarding 'Indian Leopard':

- The habitat of Leopard in India is limited the Rajasthan desert region, Central India and the mangroves of Sundarbans.
- India never conducted a national level leopard census.
- The highest concentration of the leopard in India is in Madhya Pradesh.

Which of the following statements given above is/are correct?

- 1 and 2 only
- 2 and 3 only
- 3 only
- 1, 2 and 3

Q.47) Which of the following statements with reference to digestion process in humans is correct?

- Most of the digestive process in human body takes place in large intestine.
- The breakdown of biomacromolecules like maltose and lactose occurs in the stomach
- Large intestine absorbs water and some salts from the undigested food material.
- Hydrochloric acid is secreted by the inner lining of the small intestine.

Q.48) Consider the following statements with regard to mutation

- It can result in change in the genotype of an organism but not in the phenotype of the organisms.
- RNA viruses have much higher mutation rates compared to DNA viruses.
- Mutagens are chemical and physical factors that induce mutations.

Which of the following statements given above is/are correct?

- 1 and 2 only
- 2 and 3 only
- 3 only
- 1, 2 and 3

Q.49) Consider the following statements:

- Acquired Immunity is acquired by the body after encountering pathogen.
- Allergies are the response of the immune system to certain antigens present in the environment.

Which of the statements given above is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

Q.50) Ball bearings are used in bicycles, cars, etc., because

- the actual area of contact between the wheel and axle is increased
- the effective area of contact between the wheel and axle is increased
- the effective area of contact between the wheel and axle is reduced
- None of the above statements is correct