

## General Science - 10th Class General Science English Medium Chapter 10 Short Questions Test

Q1. Define Sugar Industry.

**Ans 1:** Sugar Industry is one of the vital industries. Sugar is naturally present in most of the sugar green plants and fruits. It is formed through a natural process called photosynthesis two main sources of sugar is sugarcane and sugar beet.

Q2. Which objects are used for laser.

**Ans 1:** Usually crystals e.g. ruby , glass or semi-conductors are used to make lasers. Beside these, some gases are also used for this purpose.

Q3. What is Electro Cardiogram

**Ans 1:** Electrocardiogram is the test that measures the electrical activity of the heart. The heart beat in a peculiar way so that blood may be pumped through the whole body.

Q4. What is Laser.

**Ans 1:** Laser is an abbreviation of the " Light amplification by Stimulated Emission of Radiation" The first laser ever used is ruby crystal. which is excited by a powerful flash of light. Laser is an intense beam of light in which all the waves have the same wavelength and all are in phase. Such a beam of light is called monochromatic.

Q5. How steel is made harder.

**Ans 1:** Iron is mixed with carbon or sometimes with other elements to produce extra hardness according to necessity.

Q6. Write a name of application of LASER

**Ans 1:** Now a day, use of laser has become very common.

**Ans 2:** 1- Surgery

**Ans 3:** 2- Ophthalmology

**Ans 4:** 3- Dermatology 4- Dentistry

**Ans 5:** 5- Treatment of various diseases.

Q7. What are Ultrasound.

**Ans 1:** Ultrasound is the sound that can not be heard because its frequency is much greater than, the frequency, which is normal ear can hear. Sound having frequency greater than 20 K Hz are said to be ultrasound or ultrasonics.

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Q8. What is MRI.

**Ans 1:** MRI is the special medical diagnostic technique that creates imaging of the body using the principle of nuclear magnetic resonance. This generates thin section images of any part of the body using the principles of nuclear magnetic resonance.

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Q9. Define Spinning.

**Ans 1:** Cotton bales are sent to the textile mills where cotton fibres are change into yarn.

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Q10. Characteristics Gamma Radiaton.

**Ans 1:** 1- Gamma rays are high energy carrying electromagnetic radiations.

**Ans 2:** 2- Gamma rays are identical with x-rays but gamma rays are of short wavelength and have high energy.

**Ans 3:** 3- Their ranger and penetrating power is also greater.

**Ans 4:** 4- Gamma rays are ejected from the nucleus.

**Ans 5:** 5- These are not affected by electric or magnetic field.

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