

**Question Paper 2022-2023**

**Subject: SCIENCE**

**Class - X**

**Time - 20mins**

**Maximum Marks : 9**

*General Instructions*

- 1. The Question Paper contains three sections*
- 2. The first section contains the general instructions*
- 3. The second section contains the questions*
- 4. The third section contains the answers*

*All Questions carry equal marks*

*There is no negative marking*

**Q1. The main constituent of CNG is**

- A. butane
- B. methane
- C. ethane
- D. propane

**Q2. When air is blown from mouth into a test tube containing lime water, the lime water turns milky due to the presence of**

- A. Oxygen
- B. Carbon dioxide
- C. Nitrogen
- D. Water vapour

**Q3. The sphincter muscles that help in regulating the exit of food from stomach into the small intestine is**

- A. Pyloric sphincter
- B. Ileocecal sphincter
- C. Cardiac sphincter
- D. Anal sphincter

**Q4. The correct pathway of blood in circulatory system is**

- A. Atria → Ventricles → Arteries → Veins
- B. Ventricles → Atria → Veins → Arteries
- C. Ventricles → Veins → Arteries → Atria

D. Veins → Ventricles → Atria → Arteries

**Q5. If the pancreatic duct is blocked an hour after one has taken his food, which one of the following will not be affected?**

- A. Carbohydrate digestion
- B. Neutralisation of chyme
- C. Breakdown of proteins
- D. Maintenance of normal blood sugar level