

Class 7 Science Term II Sample Paper Set II

Time allowed: **3 hours**; Maximum marks: **90**

General Instructions:

- All Questions are compulsory
- The Question Paper consists of 27 Questions divided in to four sections A, B, C and D
- Section - A comprises of 3 Very Short Questions of 1 mark each
- Section - B comprises of 3 Short Questions I of 2 marks each
- Section - C comprises of 12 Short Questions II of 3 marks each
- Section - D comprises of 6 Long Questions of 5 marks each

Section - A

- What does blood consist of?
- What is pulse?
- How clot is formed?

Section - B

- What do you mean by a) Real Image b) Virtual Image
- Differentiate between autotrophs and heterotrophs.
- What are Chemical changes?

Section - C

- What are the indications of a chemical change?
- Explain the process of breathing in fish?
- Why do we feel hungry after exercises?
- Differentiate between sexual and asexual reproduction?
- Differentiate between Cross pollination and Self-pollination?
- Explain the formation and uses of battery?
- Explain the steps of processing fibers to wool.
- List the differences between Electric motor and Electric generator?
- What kind of images are formed by convex lenses? Give its uses.

Section - D

- What is the nature of image formed by plane mirror then explain lateral inversion?
- Why bacteria are used in sewage treatment plants?
- What are the harmful effect of sewage and also suggest some alternatives methods for sewage disposal?
- Differentiate between
 - Breathing and respiration
 - Exhalation and inhalation
- Draw well labeled diagram of female reproductive system and explain it's different parts?
- Differentiate between
 - Arteries and Veins
 - Atrium and Ventricles
- Define Electromagnet and then compare it with the permanent magnet?
- What are the properties of magnetic field lines due to current through a straight wire?
- Draw the diagram of human respiratory system and explain its different part?