

Class 8 Science Term II Sample Paper Set I

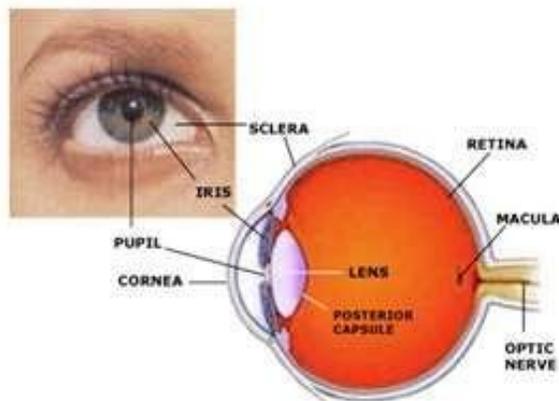
Time allowed: **3 hours**; Maximum marks: **75**

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

- Adolescents should be careful of what they eat because
 - It helps to develop their brain
 - Proper diet is necessary for the rapid growth taking place in their body
 - Adolescents feel hungry all time.
 - Taste buds are well developed in teenagers.
- Give an example in which change in shape occurs in the object on applying force?
- State the agent exerting the force, object on which it acts and its effect.
 - squeezing a lemon by fingers
 - an athlete making high jump over a certain height



Section - B

- Give one method each to increase and decrease frictional force between two surfaces?
- Name the vibrating parts of the following instruments that produce sound: flute, guitar, drum, and sitar?
- How to test the conductivity of lemon juice towards electricity?

Section - C

- Define the terms:
 - Angle of incidence
 - Angle of reflection?
- Explain the working of LED?
- Why do coolies wear turban while carrying heavy loads on their heads?
- What is menstruation? Explain.
- Define force of friction?
- State whether following is true or false and if false, correct the statement?
 - Sound depends upon the amplitude of vibration, larger the amplitude of vibration the louder is the sound.
 - Higher the frequency of vibration, the lower is the pitch and shriller is the sound.
- Differentiate between good conductors and bad conductors of electricity?
- When kitchen salt is added to water it conducts better than pure distilled water. Justify?
- What precaution would you take being outside your home to protect yourself from earthquake strikes?

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16. What is myopia? How it can be corrected?
17. Why it is dangerous to burn polymers?
18. Why phases of the moon occur?

Section – D

19. What is meant by water pollution?
20. Distinguish between planet and stars?
21. Draw a diagram showing structure of human eye. Explain the function of retina of eyes?
22. Define the following
 - i. Lightning
 - ii. Richter scale
 - iii. Seismograph
23. Define contact and non-contact forces with examples?
24. Name one male and one female hormone. List the changes that occur in boys and girls during puberty?

