



TEST PAPER: PHYSICS

Time: 45 Minutes

Class: C.B.S.E. 10

Max. Marks: 30 Marks

Date: 5th September 2018

Marking Scheme: All questions carry 10 marks each. Subparts (A) and (B) carry 3 marks each and subpart (C) carries 4 marks.

Question 1:

- We have learned that energy can neither be created nor be destroyed. Why, then, do we hear so much about energy crisis?
- What are fossil fuels? Name two fossil fuels. Mention 2 disadvantages of fossil fuels.
- Mention characteristics of a good source of energy

Question 2.

- Mention 3 ways in which we can harness energy from the sea along with a brief description of each.
- Explain the process generation of nuclear energy. Give 3 disadvantages of using nuclear energy.
- Cow-dung in itself is not a very good source of energy. Hence it is converted to bio-gas or gobar-gas. Explain this process of conversion of cow dung into gobar gas along with a diagram

Question 3.

- Explain the following terms:
 - Power of accommodation of the eye
 - Near point of the eye
 - Cataract
- What is myopia? Why does this defect arise? How can it be corrected? Explain with the help of a diagram
- Explain the functioning of human eye along with a labelled diagram