

RAINY HOLIDAY HOMEWORK (DECEMBER)

CLASS : X

SCIENCE

MONTH: DECEMBER

TOPIC : HEREDITY AND EVOLUTION

KEY CONCEPTS:

- Accumulation of variation during reproduction
- Heredity – inherited traits
- Rules for the inheritance of traits , Sex determination
- Evolution - acquired and inherited traits
- Speciation, evolution and classification
- Tracing evolutionary relationships – fossils, evolution by stages
- Read these concepts from the reader
- Complete the following worksheet of November month topic (which should be submitted to the respective science teacher on reopening day – compulsory)

II. WORKSHEET

- Draw ray diagrams of position, size and the nature of the image formed by a convex lens for various positions of the object in your classwork notebook (p.no.180, 181 * a-f *)
- Complete all the conceptual questions (refer p. no. 171, 176 and 184) and book back exercises (refer p. no. 185 and 186) in your classwork notebook.

III. JAWAHARLAL NEHRU SCIENCE EXHIBITION - PROJECT:

- TOPICS: Health and nutrition, resource management, industry, agriculture and food safety, disaster management, mathematics for quality life.
- December 7th – school level science exhibition will be conducted, already write ups / project ideas might have submitted to the teacher.
- Come with your planned working model / chart / card board model and handover the same to your (incharge) science teacher then register your name.
- This projects is consider as a FA4 activity , so it is compulsory for each student to get that 20 marks.
- Plan innovatively / creatively to get a chance to participate.