

HOCL SCHOOL, RASAYANI
CLASS X BIOLOGY SYLLABUS (THEORY+PRACTICAL) 2021-22
SUBJECT TEACHER: MRS. PRANALI PANCHAL

TERM I

Unit II: World of Living

Chapter – 6 Life processes

Life processes: 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals

TERM II

Unit II: World of Living

Chapter – 8 How do organisms reproduce?

Reproduction: Reproduction in animals and plants (asexual and sexual) reproductive health-need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health.

Chapter – 9 Heredity and Evolution

Heredity: Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief Introduction.

Unit V: Natural Resources

Chapter – 15 Our Environment

Our environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.

ONLY FOR INTERNAL ASSESSMENT

Chapter – 16 Management of natural resources

Conservation and judicious use of natural resources. Forest and wild life; Coal and Petroleum conservation. Examples of people's participation for conservation of natural resources. Big dams: advantages and limitations; alternatives, if any. Water harvesting. Sustainability of natural resources.

PRACTICALS

TERM-I

1. Experimentally show that carbon dioxide is given out during respiration.

TERM-II

2. Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.