

## Winter Assignments

Describe any three (3) of them giving suitable diagrams and examples

CLASS: DEGREE-III

PAPER – V

1. Structure and function of carbohydrate
2. Structure and function of lipid
3. Structure and function of amino acid
4. Glycolysis
5. TCA cycle
6. Beta – oxidation
7. Process of nutrition
8. Transport of gases
9. Adrenal gland
10. Pituitary gland
11. Thyroid gland

Describe any three (3) of them giving suitable diagrams and examples

CLASS: DEGREE-III

PAPER – VI

1. Biotechnology in human welfare
2. DNA finger printing
3. Restriction enzyme
4. Neo-darwinism
5. Living fossil
6. Hardy-Weinberg law
7. Speciation
8. Cloning vectors

Describe any three (3) of them giving suitable diagrams and examples

CLASS: DEGREE-III

PAPER – VII

1. Lifecycle of *Plasmodium*
2. Lifecycle of *Leishmania*
3. Lifecycle of *Wuchereria bancrofti*
4. AIDS
5. Cancer aetiology
6. Sericulture
7. Pisciculture
8. Apiculture
9. Vectors and their control