



# D.R.P. COLLEGE OF PHARMACY

Health Nagar, Pharmacy Nagar, Agra - 202002

Approved by - MCTE & PCI & Affiliated by - UPE

Date: \_\_\_\_\_

Page: \_\_\_\_\_

Dr. \_\_\_\_\_  
Principal  
D.R.P. College of Pharmacy

### Subject: Pharmaceutical Chemistry

#### Question

Explain the mechanism of action of antibiotics and give their classification.

The main and prominent features of antibiotics are:

1. They are chemically diverse in nature.
2. They are highly specific in their action against the pathogenic bacteria and not against the non-pathogenic bacteria.
3. They are not to be confused with antiseptics which are used to kill the organisms that are on the skin or in the environment.
4. They are not to be confused with disinfectants which are used to kill the organisms that are on the inanimate objects.
5. They are not to be confused with antivirals which are used to kill the viruses.
6. They are not to be confused with antifungals.
7. They are not to be confused with antiparasitics.
8. They are not to be confused with antituberculars.
9. They are not to be confused with antimalarials.
10. They are not to be confused with antipneumococcal.

