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Q:- Discuss mechanism of antibiotics according to different target and classify them one by one?

Ans:- Definition:-

An antibiotics or antibiotics substance is a substance produced by the microorganisms which has the capacity of inhibiting the growth and even of destroying other microorganisms.

Classification of antibiotics:-

- 1) - B. lactomantibiotics: Penicillin, cephalosporin, momobactum, carbapenems.
- 2) - Beta-lactamase inhibitor: Clavulanic acid, sulbactum, tazobactum.
- 3) - Tetracycline: Oxytetracycline, daxycyclin.
- 4). - Nitrobenzene deravative: chloramphenicol.
  
- 5) Aminoglycosider: streptomycin, gentamicin, amilkacin, neomycin.
  
- 6) Macrolide antibiotics: Erythromycin, roxithromycin, clarithromycin, azithromycin.
  
- 7) Lincosamide antibiotics: lincomycin, clindamycin.
  
- 8) Polypeptides antibiotics: Polymyxin \_B, colistin, bactracin, tyrothricin.