



جامعة بنها  
كلية الطب البيطري بمشهور  
قسم الفارماكولوجيا

## Pharm

اسماء الابحاث الخاصة بطلاب البرنامج العام مادة الفارماكولوجيا الفرقة الثالثة الفصل الدراسي الثاني للعام الجامعي 2019-2020 على النحو التالي

1. General mode of action of hormonal drugs.
2. Pharmacology of Gonadotropins.
3. Pharmacology of Antidiuretic hormone.
4. Glucocorticoid drugs.
5. Oral anti-diabetics.
6. Anti-estrogens.
7. Mineralocorticoid drugs.
8. Anti-thyroid drugs.
9. Pharmacology of Prolactin.
10. Thyroid hormonal drugs.
11. Classification of antibacterial drugs with their implications.
12. Mechanisms of actions of antibacterial drugs with examples.
13. Pharmacodynamics of sulphonamides and their antagonists.
14. Indications, Contra-indications and Precautions of sulphonamide therapy.
15. Classes and combinations of sulphonamides.
16. Pharmacodynamics of Penicillins.
17. Classes of Penicillins.
18.  $\beta$ -lactamase inhibitors and combinations.
19. Pharmacology of Cephalosporins.
20. Antibacterials acting via interference with bacterial nucleic acids.
21. Preparations and uses of Aminoglycoside antibacterials with their mechanism of action.
22. Dynamics, therapeutics and interactions of Macrolide antibacterials.
23. Classes, dynamics, absorption, uses and possible adverse effects of Tetracyclines.
24. Antibacterials acting via binding with 50S bacterial ribosomal subunit.

25. Antibacterials useful for treatment of meningitis.
26. Antityphoid drugs and their mechanisms of actions.
27. Antipseudomonal drugs and their mechanisms of actions.
28. Anti-tuberculous drugs and their mechanisms of actions.
29. Pharmacological bases of antibacterial combinations with detailed examples.
30. Common adverse effects of Antibacterial drugs with detailed examples.
31. Albendazole as anthelmintic in animals.
32. Levamisole as anthelmintic and immune stimulant in poultry.
33. Pyrantel anthelmintic in horses.
34. Ivermectin as anthelmintic in animals and its ideal combination.
35. Anti-Cestodal drugs in animals.
36. Fasciolicides in ruminants.
37. Inhibition of absorption as a general treatment of poison.
38. Enhancing the excretion as a general treatment of poison.
39. Supportive medicine as a general strategy for drug toxicity.
40. Administration of antidotes for treatment of toxicity.
41. Uses of testosterone hormone as a growth promoter.
42. Uses of estrogen hormone as a growth promoter.
43. Uses of growth hormone as a growth promoter.
44. Pharmacology of Prebiotics.
45. Pharmacology of Probiotics.
46. Uses of ionophores antibiotics for controlling of coccidiosis.
47. Uses of sulphonamides for controlling of coccidiosis.
48. Vitamin antagonists as anticoccidial drugs.
49. Toltrazuril as anticoccidial drug.
50. Diclazuril as anticoccidial drug.
51. Pharmacological approach of coccidiosis in chicken.
52. Pharmacological approach of retained placenta in cow.
53. Pharmacological approach of fowl cholera.
54. Pharmacological approach of calf scour.
55. Pharmacological approach of bovine ketosis.
56. Pharmacological approach of pyelonephritis in ram.

57. Pharmacological approach of milk fever in cow.
58. Pharmacological approach of organophosphorus toxicity in buffalo.
59. Pharmacological approach of avian CRD.
60. Pharmacological approach of babesiosis in buffalo.