

GPAT-5

Endocrinology

- Pharmacology of Endocrine system
- Basic concepts in endocrine pharmacology.
- Hypothalamic and pituitary hormones.
- Thyroid hormones and ant thyroid drugs,
- Parathormone, Calcitonin and vitamin-D.
- Insulin, oral hypoglycemic agents and glucagon.
- ACTH and corticosteroids.
- Androgens and anabolic steroids.
- Estrogens, progesterone and oral contraceptives.
- Drugs acting on the uterus.

Chemotherapy

- General Principals of chemotherapy.
- Antibiotics- Sulphonamides and co-trimoxazole. Penicillins, cephalosporins, chloramphenicol, Macrolides, quinolines and fluoroquinolins, quinolones. Tetracyclines. Aminoglycosides and miscellaneous antibiotics.
- Chemotherapy of tuberculosis, leprosy, fungal diseases, viral diseases, AIDS, protozoal diseases, worm infections, urinary tract infections and sexually transmitted diseases. Chemotherapy of malignancy.