

M.D. DEGREE EXAMINATION
BRANCH VI – PHARMACOLOGY

**PAPER IV – APPLIED PHARMACOLOGY AND LAWS GOVERNING
DRUG REGULATIONS**

Q.P.Code: 202025

Time: Three Hours

Maximum: 100 Marks

I. Essay:

(2 x 15 = 30)

1. Give a detailed account of calcineurin inhibitors, biological agents in immune suppression.
2. Discuss about the types of parenteral anticoagulants and its current advances in therapy.

II. Short notes:

(10 x 5 = 50)

1. Hyperbaric oxygen therapy.
2. Nano materials advantages and disadvantages.
3. Antisense oligonucleotides.
4. Pyridoxine in therapy.
5. Toxoids.
6. Endogenous antioxidants.
7. Durham-Humphrey act.
8. Prostanoid receptor.
9. Need of pharmacovigilance.
10. Keratolytics.

III. Reasoning Out:

(4 x 5 = 20)

1. Practice of evidence based medicine model.
2. Compare melanizing and demelanizing agents.
3. Immuno stimulant role in helminthic infection.
4. Importance of Anti Snake venom.
