

**M.D. DEGREE EXAMINATION
BRANCH VI – PHARMACOLOGY**

**PAPER III – CLINICAL PHARMACOLOGY & PHARMACOTHERAPEUTICS
INCLUDING RECENT ADVANCES**

Q.P.Code: 202024

Time: Three Hours

Maximum: 100 Marks

I. Essay:

(2 x 15 = 30)

1. Write in detail about biological response modifiers.
2. Discuss about the current advances in the pharmacotherapy of bone mineral metabolism.

II. Short notes:

(10 x 5 = 50)

1. Epothilones.
2. Mycobacterium avium complex infection.
3. Antimethicillin resistant staphylococcus aureus infection.
4. Glucagon like peptide-1 analogue.
5. Differentiate between vinca alkaloids and taxanes.
6. Treatment of hepatitis B Infection.
7. Activators of lipoprotein lipase drugs.
8. Selective progestin receptor modulator.
9. Amikacin.
10. Thioamide.

III. Reasoning Out:

(4 x 5 = 20)

1. Non endocrine benefit of oral contraceptives.
2. Extremely drug resistant tuberculosis.
3. Compare post antibiotic effect with time, concentration dependent killing of antibiotics.
4. Drug induced renal toxicity.
