

[LP 544]

AUGUST 2019

Sub.Code :5062

**M.B.B.S. DEGREE EXAMINATION
SECOND YEAR
PAPER II – PHARMACOLOGY II**

*Q.P. Code: 525062***Time: Three hours****Maximum : 40 Marks****Answer All Questions****I. Elaborate on:****(4 + 2 + 2 + 2 = 10)**

1. Classify anti-tubercular drugs according to clinical utility. How will you treat?
 - a) Newly diagnosed pulmonary tuberculosis.
 - b) Previously treated pulmonary tuberculosis.
 - c) Multidrug resistant (MDR) TB.

II. Write notes on:**(6 x 4 = 24)**

1. Discuss the status of oral hypoglycemic drugs in type 2 diabetes mellitus.
2. Discuss the pharmacological actions, pharmacokinetics, uses and adverse effects of oxytocin.
3. Cyclosporine.
4. Mention the mechanism of action, uses and adverse effects of ondansetron. Why is it advantageous over metoclopramide?
5. Highly active anti-retroviral therapy.
6. Mention the mechanism of action, uses and adverse effects of acyclovir.

III. Short answers on:**(6 x 1 = 6)**

1. Mechanism of action and uses of finasteride.
2. Hepatitis B vaccine.
3. Justify the role of misoprostol in prevention and treatment of NSAID induced gastrointestinal injury.
4. Mention two advantages of combining antimicrobial agents with suitable examples.
5. Role of clofazimine in leprosy.
6. Mention two uses of dimercaprol. Why is urine alkalinized during dimercaprol therapy?
