

# M.B.B.S. [2<sup>nd</sup> Prof.]

BF/2021/02

## Pharmacology - B

M.M. : 40

Time : 3 Hours

- Note: 1. Attempt all questions. Illustrate your answer with suitable diagrams.  
2. ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.  
3. **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**  
4. **The student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

### PART - I

1. **Explain why?**
- a. Probenecid is prescribed with penicillin [2]
  - b. Low dose of ritonavir is combined with indinavir [2]
  - c. Antimotility drug diphenoxylate is combined with atropine [2]
  - d. Toxicity of methotrexate cannot be overcome by folic acid supplementation [2]
2. Enumerate adrenocorticosteroids. Discuss the pharmacological actions and therapeutic uses of glucocorticoids. [2+2+2]
3. **Discuss the status for the use of:**
- a. Metformin in type 2 diabetes mellitus [2]
  - b. Progesterone in threatened abortion [2]
  - c. Amphotericin B in fungal infection [2]
  - d. Thiazides in heart failure [2]

### PART - II

4. **Discuss the pharmacotherapy of the following:-**
- a. Acute amoebic colitis [2]
  - b. Thyroid storm [2]
  - c. Hook worm infestation [2]
5. **Discuss the therapeutic uses and adverse effects of:-**
- a. Ketoconazole [2]
  - b. Doxycycline [2]
  - c. Rosuvastatin [2]
6. **Write short notes on:-**
- a. Erythropoietin [2]
  - b. Prophylaxis in HIV infection [2]
  - c. Remdesivir [2]
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