

PHARMACOLOGY

PAPER-II

Time: 3 hours
Max. Marks: 100

PHARM/D/19/34/II

Important Instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Outline the pharmacological basis of treatment of opioid dependence. 10
2. a) Drug eluting coronary stents. 5+5
b) Intrauterine devices.
3. Discuss various roles of drugs in the management of cancer. Write details about general toxicity to anticancer drugs, give suitable examples wherever necessary. 4+6
4. a) Write briefly about medical management of Inflammatory Bowel Disease (IBD). 5+5
b) Give an outline of prevention of Graft-vs-Host Disease (GvHD) during bone marrow transplantation.
5. Explain the mechanism of action of atypical antipsychotic drugs. Describe the advantages and short comings of newer atypical antipsychotic drugs over the older counterparts. 4+3+3
6. Give an outline of management of a patient with sputum positive pulmonary tuberculosis who is now presented with anti-tubercular drug induced liver injury. 10
7. Mention briefly about the recent advances of pharmacotherapy of Parkinson's disease (PD). Comment on therapeutic strategy to manage on/off phenomenon in PD. How would you manage drug induced Parkinsonism? 5+3+2
8. Describe the pharmacotherapy of heart failure in patients with reduced ejection fraction. Discuss the management of cardiogenic shock. 6+4
9. Give an outline of pharmacological management of postmenopausal osteoporosis. 10
10. Give short description of Direct Acting Antivirals for chronic hepatitis C infections. Discuss the pharmacology and therapeutic status of dengue vaccine. 6+4
