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Total No. of Pages : 02

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B.Pharma (2012 to 2016) (Sem.-7)**PHARMACOLOGY-III****Subject Code : BPHM-703****M.Code : 71755****Time : 3 Hrs.****Max. Marks : 80****INSTRUCTION TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **FIFTEEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **FOUR** questions carrying **TEN** marks each and students have to attempt any **THREE** questions.

SECTION-A**1. Answer briefly :**

- a. What are quinolones?
- b. What are narrow spectrum antibiotics?
- c. What are the adverse effects of anti-tuberculosis drugs?
- d. Differentiate natural and acquired resistance.
- e. What is suprainfection?
- f. What are endocrine glands?
- g. Name two synthetic insulin preparations.
- h. What are the pharmacological effects of corticosteroids?
- i. What are the therapeutic effects of antiandrogen drugs?
- j. What are the side effects of biguanides?
- k. What is heavy metal poisoning?
- l. Name two anticancer drugs used for breast cancer.
- m. Enumerate adverse effect of antileprotic drugs.



- n. What are immunosuppressive agents?
- o. What is the treatment of barbiturate poisoning?

SECTION-B

- 2. What are antiulcer drugs? Explain pharmacological action of proton pump inhibitors.
- 3. Classify antiemetic drugs. Explain the pharmacological action of antihistaminics as antiemetics.
- 4. Classify antihyperglycemic drugs. Explain the mechanism of alpha glucosidase inhibitors.
- 5. Discuss pharmacological uses of corticosteroids.
- 6. Discuss antibiotics as antineoplastic agents.

SECTION-C

- 7. What are cyclosporine antibodies? Explain their pharmacological action, adverse effect and therapeutic uses.
- 8.
 - a. What are antineoplastic drugs? Discuss their toxicity profile.
 - b. Discuss general principle of cancer chemotherapy.
- 9. Explain the mechanism and therapeutic uses of :
 - a. Tacrolimus
 - b. Tamoxifen
 - c. Glucocorticoids as immunosuppressive agent
 - d. Sulphonamides
- 10.
 - a. Discuss general principle of treatment of poisoning with reference to heavy metals.
 - b. Discuss the pharmacological action and uses of nitrosoureas.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.