

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

Pharm. D (Sem.-3)
PHARMACOLOGY-II
Subject Code : 3.1
M.Code : 71434

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks each.
2. SECTION-B contain EIGHT questions (Short Essay Type). Attempt any SIX questions. Each question will carry FIVE marks.
3. SECTION-C contain THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

SECTION-A

1. How thrombolytics are different from antiplatelet drugs?
2. Define gene.
3. Classify antiviral drugs.
4. What is nucleosome?
5. Classify antifungal drugs.
6. Outline types of cellular communication.
7. Give indication of immunomodulators.

SECTION-B

8. Write a short note on thrombolytics.
9. What are high ceiling diuretics? Give indications and their complications.
10. Discuss cotrimoxazole as AMA?

11. Discuss cytotoxic immunosuppressants with suitable examples.
12. Outline flow of genetic information.
13. Outline MAP kinase pathway.
14. Write a short note on transcriptional factors.
15. Write a short note on penicillin.

SECTION-C

16. Write a detailed note on animal toxicity studies.
17. Explain gene transfection technologies in detail and also discuss role of P53 in pathological apoptosis of transfected cells.
18. How dengue is different from malaria? Discuss chemotherapy of malaria in detail.

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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.