

APRIL/MAY 2019

**MAM22 — MICROBIAL PHARMACOLOGY**

Time : Three hours

Maximum : 75 marks

**SECTION A — (5 × 6 = 30 marks)**

Answer ALL questions.

1. (a) Define the following:
  - (i) Pharmacodynamics (2)
  - (ii) Pharmacokinetics (2)
  - (iii) LD50 (2)

Or

- (b) Write short note on:-
  - (i) Different areas of toxicology (3)
  - (ii) Routes and sites of exposure of toxic agents. (3)
2. (a) Write a short note on different category of diuretics.

Or

- (b) What are opioids? Explain in brief.



3. (a) Write a brief note on anti-histaminic drugs in clinical use.

Or

- (b) Describe about 5 HT [5 Hydroxy tryptomine].

4. (a) Discuss about pituitary hormones.

Or

- (b) Give an account on anti-Thyroid drugs.

5. (a) Write short note on anti-hyper tensive drugs.

Or

- (b) Explain briefly about essential drug concepts.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6. Explain the various factors influencing drug absorption.

7. Write an essay on physiology of wine formation.

8. Explain in detail about

(a) Fibrinolytics (7½)

(b) Antiphatelets (7½)

9. Discuss about the various groups of anti-viral drugs.

10. Write short note on

(a) Analgesics (7½)

(b) Anti-ulcer drugs (7½)