

NOVEMBER/DECEMBER 2018

**MAM22 — MICROBIAL PHARMACOLOGY**

Time : Three hours                      Maximum : 75 marks

**SECTION A — (5 × 6 = 30 marks)**

Answer ALL questions.

1. (a) Give a brief account on drug metabolism.

Or

- (b) Discuss in detail about treatment and prevention of poisoning.

2. (a) Describe the drugs used in ischemic heart disease.

Or

- (b) Write in brief about non-opioid analgesics.

3. (a) Write short note on serotonin antagonists.

Or

- (b) Describe about chelating agents.



4. (a) Write a short note on drugs for helminthiasis.

Or

- (b) Give an account on anti-fungal agents.
5. (a) Explain in brief about anti-inflammatory drugs.

Or

- (b) Describe the various ways to treat a drug abuse.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6. Write short notes on
- (a) Gene therapy for any two genetic disorder. (7½)
- (b) Gene delivery by non viral systems. (7½)
7. Explain about the mechanism of action and clinical application of sedatives and hypnotics.
8. Discuss about the drugs that affect uterine motility.

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9. Explain about anti-mycobacterial agents.

10. What are anti-metabolites? Explain their significance as chemotherapeutic agents.



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