

^ 3524-A

(c) What are diuretics ? Describe their function.
Draw the structure of the active ingredient
in Lasix. 5

6. (a) How does activated charcoal act as an
antidote ? Explain its advantages and
disadvantages. 5
- (b) How does the combination of antacids help
optimize their properties ? 5
- (c) Explain the roles of zinc and calcium in
maintaining an individual's health. 5

[This question paper contains 4 printed pages]

Your Roll No. :

Sl. No. of Q. Paper : 3524-A I

Unique Paper Code : 2174001009

Name of the Paper : Medicines in Daily Life

Name of the Course : B.Sc. (Hons)

Semester : I/III/V

Time : 2 Hours **Maximum Marks : 60**

Instructions for Candidates :

- (a) Write your Roll No. on the top immediately
on receipt of this question paper.
- (b) Attempt any **four** questions in **all**.
1. (a) Define antifungal agents. Provide the
structure of one example and explain its
uses. 5
- (b) Describe the synthesis and applications of
paracetamol. 5
- (c) Discuss the properties and ideal
combinations of antacids. 5

2. (a) Define and explain the following terms, provide examples for each : 5

- (i) Antipyretics
- (ii) Vitamins
- (iii) Antiparasitic agents
- (iv) Analgesics
- (v) Antihypertensive agents

- (b) Fill in the blanks : 5

- (i) Full form of API is
- (ii) Itraconazole is used to treat infections.
- (iii) is commonly used as a natural remedy for fever.
- (iv) Potash Alum is used as a/an
- (v) The active ingredient in Ecosprin is

- (c) What are natural remedies for stomach acidity? Provide examples. 5

3. Write detailed notes on **any three** of the following topics : (5,5,5)

- (a) Drug classification
- (b) Health and disease
- (c) Desflurane
- (d) Drug design

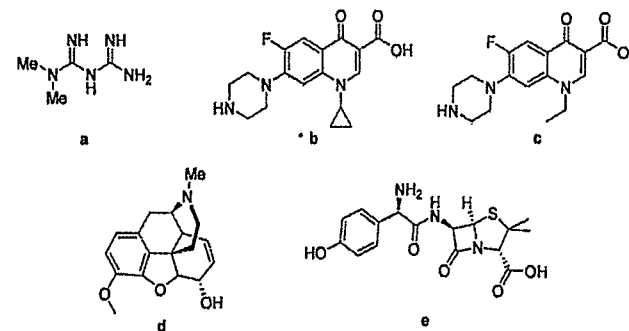
4. (a) Match the following pairs : 5

- | | |
|--------------------|-------------------|
| (i) Vitamin C | (a) Antifungal |
| (ii) Zinc Sulphate | (b) Antidiabetic |
| (iii) Albendazole | (c) Scurvy |
| (iv) Glipizide | (d) Astringent |
| (v) Fluconazole | (e) Antiparasitic |

- (b) What is the role of pharmacophores in medicinal chemistry? 5

- (c) Write a note on the importance of supplements in healthcare. 5

5. (a) Write the names of the following drugs : 1×5=5



- (b) What are antihistamines? Draw the structure of an antihistamines drug molecule. 5