

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
D. Pharm. – SEMESTER – II • EXAMINATION – WINTER • 2014

Subject Code: 420002

Date: 23-12-2014

Subject Name: Pharmaceutical Chemistry - II

Time: 10:30 am - 01:30 pm

Total Marks: 80

Instructions:

- 1. Attempt any five questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

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|-------------|------------|--|-----------|
| Q.1 | (a) | Give classification of Antibiotics with examples. Write note on Tetracycline antibiotics. | 06 |
| | (b) | Define and classify Antifungal agents with examples. | 05 |
| | (c) | Discuss Antimalarial agents in brief. | 05 |
| Q.2 | (a) | Write short note on Anaesthetic agents. | 06 |
| | (b) | Classify Hypnotics and Sedatives with examples. | 05 |
| | (c) | Discuss types of epilepsy and classify Antiepileptics with examples. | 05 |
| Q.3 | (a) | Write a brief account on Sulfonamides. | 06 |
| | (b) | Define and classify Antiseptics and Disinfectants with examples. | 05 |
| | (c) | Write a note on Anthelmintic agents. | 05 |
| Q.4 | (a) | Write short note on Cardiotonic drugs and classify Antihypertensive agents. | 06 |
| | (b) | What do you mean by Oral Hypoglycemic agents? Classify them with examples. | 05 |
| | (c) | Explain terms i) Tranquilizers ii) Antipyretics iii) Goitergens.
Give uses of i) Rifampicin ii) Aspirin | 05 |
| Q.5 | (a) | Classify Antitubercular drugs with examples. Give chemistry of Diazepam and Adrenaline. | 06 |
| | (b) | Write note on different types of Configurations. | 05 |
| | (c) | Explain terms i) Antidepressants ii) Analeptics iii) Anti coagulants.
Give uses of i) Ibuprofen ii) Betamethasone | 05 |
| Q. 6 | (a) | Give structure and use of i) Benzyl Penicillin ii) Chlorpromazine and iii) Paracetamol | 06 |
| | (b) | Comment on “Cancer is difficult to treat than bacterial infection”. Classify Antineoplastic drug with examples. | 05 |
| | (c) | Classify Cholinergic agents and discuss Reactivators of Cholinesterase. | 05 |
| Q.7 | (a) | Give structure of i) Isoniazid ii) PAS and iii) Imipramine.
Give uses of i) Progesteron ii) Glyceryl trinitrate and iii) Evans blue | 06 |
| | (b) | Discuss Antileprotic agents and give chemical structure of Dapsone. | 05 |
| | (c) | Why Diuretics are used as Antihypertensive drug. Classify Diuretics. | 05 |
