

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 5 EXAMINATION – SUMMER -2019

Subject Code: 250005

Date: 06-06-2019

Subject Name: Pharmacology - II

Time: 02:30 PM TO 05:30 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) | Classify antipsychotic agents. Why atypical antipsychotic agents are preferred over typical antipsychotic agents? | 06 |
| | (b) | Classify antiepileptic agents. Give therapeutic uses and adverse effects of Phenytoin. | 05 |
| | (c) | Write short note on morphine poisoning and its treatment. | 05 |
| Q.2 | (a) | Write a note on SSRIs. | 06 |
| | (b) | Explain different stages of general anaesthesia. | 05 |
| | (c) | Classify drugs used in Parkinsonism. Discuss the pharmacology of levodopa. | 05 |
| Q.3 | (a) | Classify hypnotics and sedatives. Write pharmacology of barbiturates. | 06 |
| | (b) | Classify NSAIDs. Write note on Aspirin | 05 |
| | (c) | Write a note on drug abuse & drug dependence. | 05 |
| Q.4 | (a) | Classify the antihypertensive agents. | 06 |
| | (b) | Give the mechanism of action, therapeutic uses and adverse effects of statins. | 05 |
| | (c) | Write a short note on potassium sparing diuretics. | 05 |
| Q.5 | (a) | Classify the Antiarrhythmic drugs. Describe the pharmacology of class I drugs. | 06 |
| | (b) | Give the mechanism of action, therapeutic uses and adverse effects of nitroglycerin. | 05 |
| | (c) | Describe the pharmacology of digoxin. | 05 |
| Q. 6 | (a) | Classify antiplatelet agents. Discuss about GP-IIb/IIIa receptor antagonist. | 06 |
| | (b) | Define haematinics. Write a short note on erythropoietin. | 05 |
| | (c) | Write a short note on plasma volume expanders. | 05 |
| Q.7 | (a) | Write a note on gene therapy. | 06 |
| | (b) | Write a note on CNS stimulants. | 05 |
| | (c) | Define neurotransmitters and write a short note on GABA. | 05 |
