

(iii) Dimenhydrinate

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(iv) Cetrizine

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(v) Cyproheptidine

341517 (41)

B Pharmacy (5th Semester)

(vi) Terbutaline

Examination, Nov.-Dec., 2014

Branch : Pharmacy

(vii) Oxyphenbutazone

MEDICINAL CHEMISTRY - I (NEW)

Time Allowed : Three Hours

(b) Write short note on any one :

Maximum Marks : 70

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(i) Eicosanoids

Note : Attempt any five questions. Each

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(ii) Drug affecting uterine motility

marks.

Q. 1. What do you mean by Drug-Receptor Interaction Q. 1. What do you mean by Drug-Receptor Interaction

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Q. 2. Explain transducer mechanism with special

reference to G-protein coupled interaction. 14

Q. 2. (a) Classify antihistaminics drugs with their chemical structure. Write synthesis of chlorpheniramine. 7

(b) Write various physicochemical properties which affect the biological action of drug. 7

Q. 3. What is QSAR. Explain in brief different parameters of QSAR. CSVTUonline.com 14

Q. 4. Classify cholinergics with structure. Explain synthesis & structure activity relationship of acetylcholine. 14

Q. 5. Classify local anesthetic. Explain its mode of action and give synthesis of benzocaine & lignocaine. 14

Q. 6. (a) Classify NAID's with suitable example & their structure. 7

(b) Write synthesis, SAR and mechanism of action of phenylbutazone and ibuprofen. 7

Q. 7. (a) Write down the structure of the following drugs: CSVTUonline.com 1x7

(i) Donepezil

(ii) Propranolol