

PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
B.Sc, Summer 2017-18 Examination

Semester: 3
Subject Code: 11105205
Subject Name: Basics in Medicinal Chemistry

Date: 02/06/2018
Time: 10:30 am to 1:00 pm
Total Marks: 60

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
 (a) What are Antimalarials. Write three names of Antimalarials.
 (b) Classify the antimalarials. Give example from each class.
- Q.1. B) Answer the following questions (Any two) (04)**
 (a) Short note/ Brief note (2x2)/ Schematically label the figures (2x2) (Each of 02 marks) (04)
 1. Name two broad spectrum antibiotics.
 2. Write 6 naturally occurring penicillin.
 (b) Write four plasmodium species which infects the human being. (04)
 (c) Name the drugs used in chloroquine resistant malaria. (04)
- Q.2. A) Answer the following questions. (04)**
 (a) Short note/ Brief note (2x2)/ Fill in the blanks. (Each of 02 marks) (04)
 1. Name two important alkaloids isolated from cinchona bark.
 2. Who discovered Penicillin.
 (b) What are Antibiotics. Write Five names of Antibiotics. (04)
- Q.2. B) Answer the following questions (Any two) (03)**
 (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)
 1. Full form of WHO.
 2. ECG is used in
 3. Nicotine is found in
 (b) Neuro Active Agents (03)
 (c) Adverse drug reactions of Sedatives and hypnotics. (03)
- Q.3. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
 (a) Main disease of Cardio Vascular System.
 (b) What is Angina pectoris.
- Q.3. B) Answer the following questions (Any two) (04)**
 (a) Short note/ Brief note (2x2)/ Schematically label the figures (2x2) (Each of 02 marks) (04)
 1. CAD
 2. CHF
 (b) Hypertension (04)
 (c) Vasodilators (04)
- Q.4. A) Answer the following questions. (04)**
 (a) Short note/ Brief note (2x2)/ Fill in the blanks. (Each of 02 marks) (04)
 1. CNS stimulant
 2. Antipsychotic drugs
 (b) Anxiety drugs (04)
- Q.4. B) Answer the following questions (Any two) (03)**
 (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)
 1. Symptoms of Malaria are
 2. Malaria can be detected by
 3. Malaria is spread due to
 (b) Sedatives & hypnotics (03)
 (c) Drug abuse (03)