

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name: Medicinal Chemistry-II

Subject Code: 5SC04MDC1

Branch: M.Sc. (Chemistry)

Semester: 4

Date: 15/04/2019

Time: 02:30 To 05:30

Marks: 70

Instructions:

- (1) Use of Programmable calculator and any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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SECTION – I

- Q-1 Attempt the Following questions (07)**
- a. Define: Antitubercular drugs (1)
 - b. List out the name of main malaria parasites. (1)
 - c. Write the therapeutic uses of antidepressant agents. (1)
 - d. Write the most fulfilling conditions for ideal sedatives and hypnotics agents. (1)
 - e. Write down the various symptoms of TB. (1)
 - f. Write the chemical name as well as –R part for penicillin-II. (1)
 - g. Write the synthesis of Meclofenamate sodium. (1)
- Q-2 Answer the following questions (14)**
- a. Enlist the name of hosts used for plasmodium species with diagrammatic explanation of life cycle of malarial parasite. (7)
 - b. Write the synthesis and uses of Isoniazide (INH) and Ethambutol. (7)
- OR**
- Q-2 Answer the following questions (14)**
- a. Explain classification of anti-tubercular drug and write the synthesis and uses of Dapsone (DDS). (7)
 - b. Write the synthesis and uses of Chloroquine and Primaquine. (7)
- Q-3 Answer the following questions (14)**
- a. Write a brief note on classification of sedative and hypnotics drugs. (7)
 - b. Write the synthesis and uses of Procaine Hydrochloride and Amobarital. (7)

OR



