

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name: Medicinal Chemistry-II

Subject Code: 5SC04MDC1

Branch: M.Sc. (Organic Chemistry)

Semester: 4

Date: 20/10/2018

Time: 10:30 To 01:30

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)**
- Draw the structure of oxacillin. (1)
 - Give the full form of SAR. (1)
 - Write the therapeutic uses of cephalexin. (1)
 - Draw the structure of phenobarbital. (1)
 - Define the term antibiotics. (1)
 - Write the chemical name as well as –R part in penicillin-V. (1)
 - State the definitions of sedatives and hypnotics. (1)
- Q-2 Answer the following questions (14)**
- Give the synthesis and uses of Chloroquine and Ethionamide. (7)
 - Write the name of malarial parasites and write the synthesis and uses of Primaquine. (7)
- OR**
- Q-2 Answer the following questions (14)**
- Write the synthesis and uses of Dapsone (DDS) and Isoniazid (INH). (7)
 - Write the synthesis and uses of Procanamide and Sodium Valproate. (7)
- Q-3 Answer the following questions (14)**
- Write the synthesis and uses of Novocaine and Ibuprofen. (7)
 - Write the synthesis and uses of Sotalol and Denzimol. (7)

OR



