

Roll No.

Total No. of Pages : 02

Total No. of Questions : 08

B.Arch. (Sem.-4)
BUILDING SERVICES-II
Subject Code : AR-234
M.Code : 45033

Time : 3 Hrs.

Max. Marks : 50

INSTRUCTION TO CANDIDATES :

1. Attempt any FIVE questions in all with atleast ONE question from EACH UNIT.
2. All question carry EQUAL marks.
3. Support the answer with suitable sketches as per the need.

UNIT-I

1. What is the different process of sewage treatment? Enlist the various factors which should be kept in mind while locating the site for sewage treatment plant in a group housing project. (10)
2. What are the different types of sewage disposal system used for a institutional campus. Explain in detail along with sketches. (10)
3. Write short notes on :
 - a) Collection process of garbage (5)
 - b) Incinerator (5)

UNIT-II

4. What are the different types of water supply system used for a multi-storied building? Explain any one of them in detail. (10)
5. Write short notes on :
 - a) Treatment of water (5)
 - b) Disinfection process of water (5)

6. What are the different types of distribution system of water supply? Explain the distribution system of water supply in reference to a city. (10)

UNIT-III

7. What is the role of artificial lighting in interior design? Explain the different types of lighting design methods in detail. (10)
8. Write short notes on **any two** of the followings :
- a) Luminous intensity (5)
 - b) Day light factor (5)
 - c) Glare free light (5)

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.