

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 08

B. Architecture (Sem.-3)
BUILDING SERVICES-II

Subject Code : AR-229

M.Code : 45024

Time : 3 Hrs.

Max. Marks : 50

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY.
2. Attempt any TWO questions from SECTION-B.
3. Attempt any TWO questions from SECTION-C.

SECTION-A

- 1. Answer the following question : (2×5)**
- Differentiate between sewage and sewerage.
 - What are essential requirements of a good trap?
 - Enlist any two types of joint with sketches.
 - What is the purpose of grit chamber?
 - Define Water Meter.

SECTION-B

2. Under what circumstances Septic tanks are most suitable? With the help of neat sketches, describe the construction and operation as septic tank. (10)
3. State the various type of pipes used for conveying water in water supply scheme. Discuss the merits and demerits of each. (10)
4. Write a short note on **any three** of the following : (10)
 - a. Anti-siphonage pipe
 - b. Geyser
 - c. Flushing cistern
 - d. Inspection chamber

SECTION-C

5. Write notes on the following and draw their neat sketches. (10)
- a. Flanged joint
 - b. Screw
 - c. Socket joint
6. What do you understand by continuous and intermittent supply systems of water? Compare with respect to their merits and demerits. (10)
7. Compare the hot water supply and cold water supply system in multi-storied residential building. (10)
8. Name the various types of sanitary fittings. Describe any three with the help of neat sketches. (10)

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.