

No. of Printed Pages : 03

Roll No.

2014

B. Arch. EXAMINATION, May 2018

(Second Semester)

(Old Scheme) (Re-appear Only)

(Arch.)

AR110G

BUILDING SERVICES-II

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. All questions carry equal marks.

(3-45/12)M-2014

P.T.O.

Unit I

1. What is a Water Cycle ? Explain various uses of Water.
2. Explain water distribution system in a city with the help of sketches.

Unit II

3. Write brief notes on any *three* of the following :
 - (a) Single stack system
 - (b) Fully ventilated stack system
 - (c) One pipe system
 - (d) Dual pipe system.
4. What are the different types of pipes used for water supply ? Write advantages and disadvantages of each type of pipe comparing each other.

Unit III

5. What do you understand by sewerage system and what are the features and principles of sewerage system ?

6. Explain different types of pipe system used for sanitary of apartment housing. Explain recommended material of pipe from housing to urban drainage system.

Unit IV

7. Why solid waste management is an important aspect of urban planning ? Describe contemporary method of solid waste collection, storage and treatments under different heads.
8. Write brief notes on the following :
 - (a) Storm water
 - (b) Rain water harvesting.