

B.ARCH. SEM – III (CBCS – 2015 COURSE) : WINTER - 2018

SUBJECT: BUILDING SERVICES-I

Day: Saturday
Date: 24/11/2018

W-2018-3446

Time: 10.00 AM TO 12.00 PM
Max. Marks: 60

N.B:

- 1) Attempt **ANY THREE** questions from each section.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the section should be written in **SEPARATE** answer book.
 - 4) Draw neat and labeled diagrams **WHEREVER** necessary.
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SECTION-I

- Q.1** Explain any four pipe materials used for water supply. (10)
- Q.2** Explain various stages involved in water treatment plant for purification of water. (10)
- Q.3** Write a note on water storage tank. (10)
- Q.4** Explain any three pipe joints used in water supply system. (10)
- Q.5** Write notes and draw sketches: (10)
- a) Sources of water supply.
 - b) Fire hydrants.

SECTION-II

- Q.6** Explain the various systems of sewerage. (10)
- Q.7** Explain construction and working of septic tank. (10)
- Q.8** Define a trap and state its function in house drainage system. (10)
- Q.9** Explain various tests employed for testing of drains and pipes. (10)
- Q.10** Write notes and draw sketches: (10)
- a) Gully trap
 - b) Flushing cistern.

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