

B.ARCH. SEM – IV (CBCS – 2015 COURSE) : SUMMER - 2018

SUBJECT : BUILDING SERVICES – II

Day : **Saturday**
Date : **05/05/2018**

S-2018-3310

Time : **10.00 AM TO 12:00 NOON**
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 sections should be written in **SEPARATE** answer book.
- 4) Draw neat and labeled diagrams wherever necessary.

SECTION – I

- Q.1** What are shading devices? Explain the internal and external shading devices. (10)
- Q.2** What are the various types of lamps for artificial lighting? (10)
- Q.3** Explain daylight factor and components of daylight factor. (10)
- Q.4** Explain the various artificial lighting fixture for exteriors. (10)
- Q.5** Write short notes on: (10)
- a) Glare
 - b) Factors to be considered while designing artificial lighting schemes

SECTION – II

- Q.6** Explain in brief any three acoustical materials used for acoustical treatment in buildings. (10)
- Q.7** Explain the various types of electrical fitting used in residential buildings. (10)
- Q.8** What is noise insulation? Explain any two construction details for noise insulation. (10)
- Q.9** Explain behaviour of sound in an enclosed space. (10)
- Q.10** Write short notes on: (10)
- a) Meter board
 - b) Protective devices

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