

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

SUBJECT : BUILDING SERVICES – II

Day : Wednesday
Date : 21/11/2018

W-2018-3448

Time : 02.00 PM To 04.00 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 sections should be written in **SEPARATE** answer books.
 - 4) Draw neat and labeled diagram **WHEREVER** necessary.
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SECTION – I

- Q. 1** Explain the various side lighting strategies for day lighting. **(10)**
- Q. 2** What is glare control? Explain how to control indoor glare. **(10)**
- Q. 3** Explain various internal and external shading devices with help of sketches. **(10)**
- Q. 4** What are various types of lamps used for artificial lighting? **(10)**
- Q. 5** Write short notes on: **(10)**
- a) Exterior lighting for monuments
 - b) Daylight availability and building orientation

SECTION – II

- Q. 6** Explain characteristics of audible sound. **(10)**
- Q. 7** What is noise? Explain transmission of noise in buildings. **(10)**
- Q. 8** Explain common acoustical defects in Auditoriums. **(10)**
- Q. 9** What is Earthing? Explain the need for earthing. **(10)**
- Q.10** Write short notes on: **(10)**
- a) Various wiring systems in electrical services
 - b) Fuses and MCBs in electrical services

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