

BACHELOR OF ARCHITECTURE (CBCS - 2015 COURSE) B. Arch. Sem-IV :
WINTER : 2021
SUBJECT: BUILDING SERVICES-II

Day : Tuesday
Date : 28-12-2021

W-13539-2021

Time : 02:00 PM-04:30 PM
Max.Marks 60

N.B.:

- 1) Draw neat diagrams & sketches wherever necessary.
- 2) Answers to both the sections should be written in the **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.
- 4) Answer **THREE** questions from each Section.
- 5) Assume suitable **DATA** wherever necessary.

SECTION – I

Answer **ANY THREE** from Section -I

- Q.1** What is sky condition? Explain its classification with help of sketches. (10)
- Q.2** What is glare control? Explain how to control indoor glare. (10)
- Q.3** What are shading devices? Explain its types. (10)
- Q.4** Explain the factors to be considered in artificial lighting schemes. (10)
- Q.5** Write short notes on: (10)
- a) Daylight apertures
 - b) Measurement of Day lighting

SECTION - II

Answer **ANY THREE** from Section -II

- Q.6** Explain sound absorption. What are various types of sound absorbing materials? (10)
- Q.7** Explain characteristics of audible sound. (10)
- Q.8** Explain various protective devices used in electrical services in residential buildings. (10)
- Q.9** Explain any four electrical fittings used in residential buildings. (10)
- Q.10** Write short notes on: (10)
- a) Propagation of sound
 - b) Echo
