

No. of Printed Pages : 03

Roll No.

D4003

B. Arch. EXAMINATION, May 2019

(Fourth Semester)

(B. Scheme) (Main & Re-appear)

(ARCH)

AR210B

BUILDING SERVICES-IV

Time : 3 Hours]

[Maximum Marks : 50

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 at least *one* question from each Unit. All questions carry equal marks.

(2-04/15) M-D4003

P.T.O.

Unit I

1. Discuss the instruments of electricity measurement. Differentiate between single versus three-phase power.
2. Explain the use of different energy sources to generate electrical power in India.

Unit II

3. Discuss different types of electrical wiring system. How earthing help in protection of electrical equipments ?
4. Discuss various types of electrical cables used in distribution of power.

Unit III

5. Discuss the different mechanism for integration of electrical lighting with day lighting.
6. Define the following :
 - (a) Luminous flux
 - (b) Mercury lamp
 - (c) Low-pressure sodium lamps
 - (d) Metal halide lamps.

Unit IV

7. Enlist and draw five luminaire symbols used in the reflected ceiling plans.
8. Define Cove as an architecture elements on the ceiling or well that can accommodate luminaries for indirect lighting.