

Total No. of printed pages = 3

43(4) BUSR-II 4·6

2013

BUILDING SERVICES – II

Paper : 4·6

Full Marks – 100

Pass Marks – 40

Time – Three hours

The figures in the margin indicate full marks for the questions.

1. Answer *all* the following questions : $2 \times 10 = 20$
 - (a) What is a conductor ? What are the different types of conductors ?
 - (b) State the difference between a wire and a cable.
 - (c) What is a fuse ?
 - (d) Define M.C.B.
 - (e) What is an electrical substation ?

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(f) State the differences between cleat wiring and casing-caping wiring.

(g) State the difference between electrical transmission and distribution.

(h) Define earthing.

(i) What are ceiling roses ?

(j) Draw a bayonet cap pendant holder.

2. Write short notes (any *four*) : $5 \times 4 = 20$

(a) System of supply of electricity

(b) Different types of earthing

(c) Construction of a fuse

(d) Elements of an electrical substation

(e) Different types of lamps.

3. Answer any *three* of the following : $20 \times 3 = 60$

(a) Explain with diagrams the different systems of wiring used for domestic installations.

(b) Explain the general safety precautions given by the Indian Electricity Rules.

(c) Explain the different types of circuit breakers. Explain the different types of electrical substation.

(d) Explain with the help of sketches, the different types of wiring accessories.