

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination--July, 2020

CERTIFICATE COURSE IN LICENTIATE IN ELECTRONICS AND
RADIO SERVICING (L.E.R.S.)

[100]—3 i.e.e.]

(B.E.H.E. M.B.E.—100)

B.E.H.E. <+100] B.E.C.E. (B.E.H.E.1)

B.E.H.E.—(1) B.E.H.E. B.E.H.E.

(2) +B.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E.

M.B.E.

1. 12 V, 1 A, S.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E.

60

2. B.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E. B.E.H.E.

20

(+) T4N 612

(E) BC 547

(E0) 1N4007

(b) LED

(<) Zg.1V

(i0) EI4700 MFD

(M) v/c 100 kΩ.

10

3. B.E.H.E. B.E.H.E.

10

4. B.E.H.E. B.E.H.E.

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

BASIC ELECTRONICS (PRACTICAL-I)

Instructions.— (1) Attempt all questions.

(2) Draw neat sketches, symbols, circuits if necessary.

Marks

1. Assemble and test 12V, 1Amp Battery Eliminator.

60

2. Identify and test the given components and note Ecoding :—

20

(a) T4N 612

(b) BC 547

(c) 1N4007

(d) LED

(e) Zg.1V

(f) EI4700 MFD

(g) v/c 100 kΩ.

3. Oral.

10

4. Term Work.

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