

## MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination—July, 2020

CERTIFICATE COURSE IN MECHANIC OF INDUSTRIAL ELECTRONICS

[ १२५—3 iEE°E ]

(BEHÉ MBE—100)

&lt;±[E] MBE°E °E] MBE±E Ed (BEHE) BE °E EGd BEHE u+hb÷Bb BE] aE

&lt;±[E] MBE°E (BEHE BE 1)

MBE

- |   |    |
|---|----|
| 1. EnuEaEa Ed (BEHE o +E p] EME i aEEED Ed Ea Eo m aEEED °E iEE°E iE (EE°EE :—                    | 40 |
| (+) °BE°] BE (E) Eo (E°E°] BE   |    |
| 2. +EE +i {±E; dE °u ½ < xE ½ BE °E Eo] BE EEha iE EE u Eo. iE ESE +EaEa BE MBE iE (EE°E ME {E ½. | 40 |
| 3. iEE°E (E°E.  | 10 |
| 4. ] oEE EEQ.   | 10 |

(ENGLISH)

[TIME ALLOWED —3 HOURS]

(MARKS — 100)

## ELECTRONIC MATERIAL, COMPONENTS MICROPROCESSOR AND DIGITAL ELECTRONICS (PRACTICAL-I)

Marks

- |   |    |
|---|----|
| 1. Identify following components and test them to Find their working condition :— | 40 |
| (a) Resistor (b) Capacitor.   |    |
| 2. Assemble and test op-amplifier as inverter circuit.                            | 40 |
| 3. Oral.  | 10 |
| 4. Term work.   | 10 |