

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination—July, 2020

CERTIFICATE COURSE IN INSTRUMENTATION

[Time]—3 hours

(Marks—100)

Practical Examination, $\frac{1}{2}$ Marks, $\frac{1}{2}$ Marks, $\frac{1}{2}$ Marks, $\frac{1}{2}$ Marks (Practical-III)

Marks

1. Do the following :—
 - (+) Draw a simple diagram of a moving coil instrument and explain its working. 30
 - (-) Draw a simple diagram of a moving coil instrument and explain its working. 30
2. List out the various kind cells and batteries, lead acid batteries explain any one in each type with neat diagram. 20
3. Oral. 10
4. Term work. 10

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION
(PRACTICAL-III)

Marks

1. Do the following :—
 - (a) Make a simple electromagnet and measure its field strength and trace its magnetic field. 30
 - (b) Dismantle the assembly of given moving coil instrument find the fault and repair it. 30
2. List out the various kind cells and batteries, lead acid batteries explain any one in each type with neat diagram. 20
3. Oral. 10
4. Term work. 10