2521/302 2602/302 2601/302 2603/302 MICROCONTROLLER TECHNOLOGY AND MICROPROCESSOR SYSTEMS June/July 2019 Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING (POWER OPTION) (TELECOMMUNICATION OPTION) (INSTRUMENTATION OPTION) MODULE III

MICROCONTROLLER TECHNOLOGY AND MICROPROCESSOR SYSTEMS

3 hours

INSTRUCTIONS TO CANDIDATES

You should have the following for this examination:

drawer booklet:

Scientific calculator;

Intel 8080/8085 microprocessor instruction set;

8051 Microcontroller instruction set

The paper consists of TWO sections, A and B.

Answer any THREE questions from Section A and any TWO questions from Section B in the answer booklet provided.

All questions carry equal marks

Maximum marks for each part of a question are as indicated

Candidates should answer all questions in English.

This paper consists of 10 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

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