

Centre for Continuing Education Kerala
PROFESSIONAL DIPLOMA IN COMPUTERISED INSTRUMENTATION
Examination Pattern

The examination pattern for Professional Diploma in Computerised Instrumentation [PDCI] is as follows:

| Sl. No. | Exam | Exam Code | Max. Mark | Internal | Total Mark |
|-------------------------|---|-----------|-----------|----------|------------|
| Theory Papers | | | | | |
| 1 | Electrical Instrumentation | PDCI T001 | 100 | 50 | 150 |
| 2 | Basic Electronics & Industrial Automation | PDCI T002 | 100 | 50 | 150 |
| Practical Papers | | | | | |
| 3 | Process Control Instrumentation Lab | PDCI L001 | 100 | 50 | 150 |
| 4 | Industrial Automation Lab | PDCI L002 | 100 | 50 | 150 |
| Total Marks | | | | | 600 |

Question Paper Pattern for the **Theory Examinations with subject code PDCI T001 & PDCI T002 with 150 marks each**

(Duration of each examination shall be 2 hour).

| | | |
|-----------------|---|------------------|
| Part I | Multiple choice questions - 40 questions of 1 mark each | 40 Marks |
| Part II | Fill in the blanks – 20 questions of 1 marks each | 20 Marks |
| Part III | Write Short Answers (in a paragraph) 10 questions of 2 marks each | 20 Marks |
| Part IV | Answer any 4 question from a set of Six. 4 questions of 5 marks each | 20 Marks |
| | Total Marks | 100 Marks |

For the **Practical Examinations with 150 marks each**, ie.PDCI L001 [PROCESS CONTROL INSTRUMENTATION LAB] AND PDCI L002 [INDUSTRIAL AUTOMATION LAB] (Duration of each exam shall be 2 hour).

ONE question from each subject are expected to be completed within 2 hour

| | | | |
|----------------|---|-----------|-------------------|
| Procedure | - | 40 Marks | } X 2 = 300 Marks |
| Result/Output | - | 40 Marks | |
| Viva voce | - | 20 Marks | |
| Internal Marks | - | 50 Marks | |
| Total | - | 150 Marks | |

Internal Marks

| | | | |
|------------|---------------------|-------------------------|-------------|
| Attendance | General Performance | Lab Records/Assignments | Total Marks |
| 5 | 5 | 40 | 50 |

Minimum mark required for a pass in theory and practical examination is 35% marks in each subject.

There will be a grading system for passed candidates as detailed below:

| | |
|------------|----|
| 35 to 50% | C |
| 51 to 65 % | B |
| 66 to 80% | B+ |
| 81 to 90% | A |
| 91 to 100% | A+ |

The total marks obtained in theory and practical examination shall be counted for the grading system.