

MOUNT CARMEL PU COLLEGE
DEPARTMENT OF ELECTRONICS
I PU – ELECTRONICS
MID-TERM PRACTICAL EXAMINATION
OCTOBER – 2026

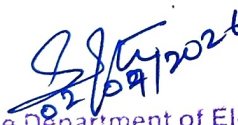
DATE/DAY	BATCH No.	TIME	ROLL No.	No. of students
21/10/2026 WED	7A	02:00 – 02:45	26P0601- 26P0619	19
21/10/2026 WED	7B	02:45 – 03:40	26P0620- 26P0637	18
23/10/2026 FRI (TUE TT)	8A	10:00 – 10:45	26P0638- 26P0656	19
23/10/2026 FRI (TUE TT)	8B	10:45 – 11:40	26P0657- 26P0674	18


Head of the Department of Electronics
MOUNT CARMEL PU COLLEGE
BANGALORE - 560 052.


Principal
MOUNT CARMEL PU COLLEGE
58, Palace Road,
BANGALORE - 560001

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PORTION FOR MID-TERM PRACTICAL EXAMINATION
OCTOBER- 2026

1. Colour coding of 4 band resistor
2. Verification of Ohm's Law
3. Verification of Kirchhoff's current Law (KCL)
4. Verification of Kirchhoff's Voltage Law (KVL)
5. Zener diode as voltage regulator - Line regulation
6. Zener diode as voltage regulator - Load regulation
7. Half wave rectifier – Verification for output dc voltage ($V_{dc} = V_m/\pi$)
8. Bridge rectifier – Verification for output dc voltage ($V_{dc} = 2V_m/\pi$)
9. Construct fixed regulator of +15V using IC 7812.
10. Construct fixed regulator of -15V using IC 7912.
11. Construct & verify OR gate using discrete components.
12. Construct & verify AND gate using discrete components.


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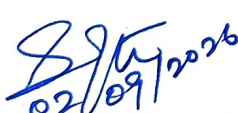

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I PU MID-TERM PRACTICAL EXAMINATION
OCTOBER 2026

INSTRUCTIONS:

NAME OF THE PRACTICAL EXAMINATION CENTRE: MOUNT CARMEL PU COLLEGE
CENTRE CODE: PC 7001
COLLEGE CODE: AN0011

- Students have to be present in the allotted batch (**CHECK DEPARTMENT TIME-TABLE**).
- Check the examination **DATE**, **TIME**, **BATCH NUMBER** accurately.
- Bring your **LAB RECORD**, **LAB COAT**, **ID CARD**, pen, pencil, simple calculator, eraser, sharpener or any other required stationeries.
- **Pencil pouches, mobile phone, smart watches and scientific calculators are not allowed in the examination room.**
- DO NOT INDULGE IN ANY KIND OF MALPRACTICE.
- **ATTENDANCE IS COMPULSORY.**
- There is no re- practical examination for absentees.
- **NO EXCHANGE OF EXPERIMENT IS PERMITTED**

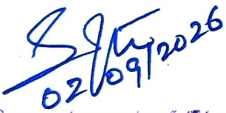

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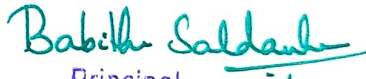

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OCTOBER- 2026

DISTRIBUTION OF MARKS

CIRCUIT DIAGRAM	-03
CONSTRUCTING CIRCUIT	-03
TABULAR COLUMN/ TRUTH TABLE & FORMULA	-02
PERFORMING EXPERIMENT	-06
CALCULATION	-04
RESULT	-02
RECORD	-05
ATTENDANCE	-05
TOTAL	-30


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