

MONAD UNIVERSITY
Village & Post Kastla, Kasmabad, P.O Pilkhuwa - 245101
Tehsil Hapur (U.P), India
E.C Department

Course: DECE-235 Electronic Devices and Circuits

Assignment No: 1

Due date of submission: 10.11.2016

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme and Enrolment No. clearly at the top of the page.

Q.1

- (a) Explain differences between Intrinsic and Extrinsic Semiconductors.
- (b) Describe the effect of Temperature on Conductors and Semi-Conductors.

Q.2

- (a) Sketch and explain P-N junction under forward and reverse bias modes.
- (b) Write the Characteristics and Applications of Light Emitting diode.

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Assignment No: 2

Due date of submission: 10.11.2016

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Q.1

- (a) Explain the working of a P-N-P Transistor.
- (b) Compare the various configuration of N-P-N Transistor.

Q.2

- (a) Write the differences between BJT and FET.
- (b) What are the Specifications of an Ideal Operational Amplifier?