



MONAD UNIVERSITY

Village & Post Kastla, Kasmabad, P.O Pilkhuwa - 245101
Tehsil Hapur (U.P), India
EE Department

Programme: B. Tech. EE/EEE- 8th Semester

Course: SPECIAL ELECTRICAL MACHINE

Course Code: EET/EEE-481

Assignment No: 1

Due date of submission: 12.03.2018

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, Program and Enrolment No. clearly at the top of this page.

Que.No.1

- (a) What is the significance of closed loop control in switched reluctance motor?
- (b) What are the types of materials used in PMDC motors? Explain in detail.

Que.No.2

- (a) Draw and explain a typical torque speed characteristics of a reluctance motor. Compare a reluctance motor with an equivalent induction motor.
- (b) If you are aware with the following, explain
- (i) Step Angle.
 - (ii) Slip ring induction motor



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Programme: B. Tech. EE/EEE- 8th Semester

Course: BIO-MEDICAL INSTRUMENTATION

Course Code: EET-482

Assignment No: 1

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Q1.

- a) Explain the application of Transducer in the bio-medical field?
- b) What are ECG, EEG, and EMG? Explain in brief?

Q2

- a) Explain the cardiovascular system in brief?
- b) Describe the ECG lead configurations in detail?