



MONAD UNIVERSITY

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

Programme: Diploma 5th SEM EE

Course: Switch Gear & Protection

Course Code: DEE-351

Assignment No: 1

Due date of submission: 10.09.2017

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 do you understand by switchgear?

(b) Discuss the various types of switches?

Que.No.2

(a) Give the functions of switch, circuit breaker and an insulator in power system? Give their importance.

(b) **Differentiate the following:**

- Switch and C.B
- Fuse and C.B
- Isolator and C.B
- Isolator and Switch



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Electrical Engineering Department

Programme: Diploma 5th SEM EE

Course: Electrical Machine-II

Course Code: DEE-352

Assignment No: 1

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Que.No.1

- (a) What is the difference between induction motor and synchronous motor?
- (b) Explain the working principle of synchronous motor.

Que.No.2

- (a) Why we perform the open circuit test and short circuit test on synchronous motor? Explain in detail.
- (b) Define
- (i) Synchronous Condenser
 - (ii) V-Curves



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Electrical Engineering Department

Programme: Diploma 5th SEM EE

Course: Industrial Electronic Control

Course Code: DEE-353

Assignment No: 1

Due date of submission: 10.09.2017

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Que.No.1

- (a) What is power electronics? Discuss briefly the concept of power electronics?
- (b) What is a rectifier? What are the types of rectifier? Explain any one.

Que.No.2

- (a) Compare SCR and power transistor?
- (b).Draw the symbol and characteristics of the following power devices:
- SCR
 - DIAC
 - LED
 - BJT
 - UJT



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Electrical Engineering Department

Programme: Diploma 5th SEM EE

Course: IMED

Course Code: DEE-354

Assignment No: 1

Due date of submission: 10.09.2017

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Question:-1

- a) You are very well aware about the “management”, so go ahead and explain it with example.
क) आप “प्रबंधन”के बारे में बहुत अच्छी तरह जानते हैं, इसलिए आगे बढ़ो और उदाहरण के साथ इसे समझाएं।
- b) “Communication is omnipresent” comment.
ख) “संचार सर्वव्यापी है” इस पर अपने विचार बताओ।

Question:-2

- a) Visit to any Business Unit in your nearby area, present your views about the management, administration & organization of the same.
क) आप पास के किसी भी बिजनेस यूनिट पर जाएँ, उसी के प्रबंधन, प्रशासन और संगठन के बारे में अपने विचार प्रस्तुत करें।
- b) Give your suggestions for the betterment of the above business unit.
ख) उपरोक्त बिजनेस यूनिट की भलाई के लिए अपना सुझाव दें।