



## **MONAD UNIVERSITY**

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

**Programme:** Diploma 5<sup>th</sup> SEM EE

**Course:** Switch Gear & Protection

**Course Code:** DEE-351

**Assignment No:** 2

**Due date of submission:** 23.10.2017

### **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 C.B.? What is the difference between A.C.B. and O.B.C.? also explain the following term
- i) “Cross Jet Explosion Pot”
  - ii) “Plain Explosion Pot”

(b) Describe the principle of operation and application of SF<sub>6</sub>.

### **Que.No.2**

- (a) What do you understand by the term “Fuse”? explain the different type of fuse.
- (b) Define “HRC Cartridge Fuse” with a suitable diagram.



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**Programme:** Diploma 5<sup>th</sup> SEM EE

**Course:** Electrical Machine-II

**Course Code:** DEE-352

**Assignment No:** 2

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### **Que.No.1**

#### **Que.No.1**

- (a) What are the necessary conditions for selection of motors for electric drive? Discuss as per load requirement.
- (b) What is the main advantage of electric drive over the mechanical drive?

### **Que.No.2**

- (a) What do you mean by rotating magnetic field? Also discuss the construction of three phase induction motor.

#### **(b) Define**

- (i) AC Series Motor
- (ii) Cogging & Crawling



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**Programme:** Diploma 5<sup>th</sup> SEM EE

**Course:** Industrial Electronic Control

**Course Code:** DEE-353

**Assignment No:** 2

**Due date of submission:** 23.10.2017

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### **Que.No.1**

- (a) Discuss the basic principle of inverter.
- (b) What do you mean by chopper? Explain its principal of operation.

### **Que.No.2**

- (a) Explain the single phase to single phase step up cycloconverter.
- (b).What do you mean by SMPS? Explain its merits and demerits.



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**Programme:** Diploma 5<sup>th</sup> SEM EE

**Course:** IMED

**Course Code:** DIM-354

**Assignment No:** 2

**Due date of submission:** 23.10.2017

### Instructions:-

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### Question:-1

a) You know that there should be a continuous improvement in motivation, so go ahead and discuss these methods of improving motivation.

क) आप जानते हैं कि प्रेरणा में लगातार सुधार होना चाहिए, इसलिए आगे बढ़ें और प्रेरणा में सुधार के इन तरीकों पर चर्चा करें

b) Human Resource Development is a vital part of any organization, present your views for the same.

ख) मानव संसाधन विकास किसी भी संगठन का एक महत्वपूर्ण हिस्सा है, उसी के लिए अपने विचार प्रस्तुत करें।

### Question:-2

a) You know about entrepreneurship very well, you will learn more if you tell a idea for starting it.

क) आप उद्यमिता के बारे में बहुत अच्छी तरह से जानते हैं, यदि आप इसे शुरू करने के लिए एक विचार बताते हैं, तो आप अधिक सीखेंगे।

b) Material Management is very important in every organization, so go ahead and explain it in your words.

ख) हर संगठन में सामग्री प्रबंधन बहुत महत्वपूर्ण है, इसलिए आगे बढ़ो और इसे अपने शब्दों में समझाएं।