



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Session - (2018-2019)

Programme Name:

Student's Name:

Father's Name:

Enrollment Number:

Course Name:

Course Code:

Assignment Number:

Date of Submission:

Course Faculty Signature



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Dated.-01/03/2018

Course: EME-481, Advanced Materials Technology

Assignment No: I

Due date of submission: 12/03/2018

Instructions

1. Write the responses to the assignment in your own handwriting & don't copy from other's assignment.
2. Submit the responses to your **"course Faculty"** within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q.1

- (a) I know you are aware about ferrous materials. Write the importance of low and high temperature resisting steels in our daily lives.
- (b) We know that steels contain alloying elements. Discuss the effects of alloying elements in plain carbon steels.

Q.2

- (a) We have the variety and availability of cast irons. Write the factors that matter in choosing a grey cast iron.
- (b) You are aware that we use the cast iron cookware. Can you list the benefits of cooking with cast iron cookware?



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Dated:-01/03/2018

Course: EME-482-Power Plant Engineering.

Assignment No: 1

Due date of submission: 12/03/2016

Instructions

1. Write the responses to the assignment in your own hand writing & don't copy from other's assignment.
2. Submit the responses to your **"course faculty"** within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q.1

(a) You know about water tube boiler and fire tube boiler. What are the differences between water tube boiler and fire tube boiler?

(b) You are aware about the load-duration curve. Explain it. Draw the load-duration curve for our University.

Q.2

(a) You are familiar with steam power plant. What are the basic components of steam power plant? Explain each of them.

(b) You are aware about combined cycle plants. Explain different type of combined cycle plant.



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Dated:-01/03/2018

Course: EME-483 – Environment Protection and Management

Assignment No: 1

Due date of submission: 12/03/2018

Instructions

1. Write the responses to the assignment in your own hand writing & don't copy from other's assignment.
2. Submit the responses to your **"course faculty"** within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q. 1 (a) Write the differences between Living and non-living.

(b) What is ecology?

Q. 2 (a) Define-

1. Abiotic components.
2. Biotic components.

(b) Define –Atmosphere.



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Dated:-01/03/2017

Course: EME 484- Six Sigma methods & Application

Assignment No: 1

Due date of submission: 12/03/2018

Instructions

1. Write the responses to the assignment in your own hand writing & don't copy from other's assignment.
2. Submit the responses to your "course faculty" within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q.1

(a) You are aware about quality. Explain the concept behind quality in manufacturing.

(b) You are familiar with six sigma methods. Write any one six sigma success story.

Q.2

(a) You know about concept of quality. If yes, then differentiate between conventional and six sigma concept of quality.

(b) You are aware about customer focus. If yes then explain six sigma for service.